

Lancaster Farming

VOL. 27 No. 7

Lancaster Farming, Saturday, December 12, 1981

\$7.50 per year

Lancaster DHIA honors producers

BY SUSAN KAUFFMAN
Staff Correspondent

SMOKE TOWN — Russel Kline, Vern Lee Holsteins, Denver, received the top award for fat production at the Red Rose DHIA dinner meeting held this week at the Good and Plenty Restaurant.

Kline completed his sixth year as a dairyman with a record for his 44 Holsteins of 20,657 pounds of milk and 791 pounds of fat.

High Milk herds by breed awards went to Robert W. Ulrich, Quarryville, for his 83 Jerseys finishing with 13,259 pounds of milk and 656 pounds of fat.

K.D. and Elsie Linde, Oxford, took top Guernsey herd with 14,327

pounds of milk and 690 pounds of fat.

Top Ayrshire herd was Harold G. Shelly, Manheim, with 15,450 pounds of milk and 606 pounds of fat. Shelly has 18 cows on test.

Donald B. Trumble, Peach Bottom, took top Brown Swiss herd with a record of 16,344 pounds of milk and 588 pounds of fat. Mixed breed award went to Elam K. Stoltzfus, Morgantown, with a record of 16,962 pounds of milk and 596 pounds of fat.

High Holstein herd was Bennel Z. Lapp, New Holland, with 21,748 pounds of milk and 754 pounds of fat. Lapp milks 45 cows, Stoltzfus-

(Turn to Page A22)



Several DHIA supervisors were honored for their outstanding service to the Red Rose DHIA. From left to right the group includes: J. Wilbur Houser, Lampeter; Harold Lindecamp,

Peach Bottom; Lee Landis, Narvon. Missing from photo but also honored were Thomas Garrett, Palmyra, Harold Probst, Bart and Robert Brinton, Quarryville.

Pa. milk referendum projected for Spring

HARRISBURG — Pennsylvania Secretary of Agriculture Penrose Hallowell, announced Wednesday, that the state's 17,500 dairy farmers will soon have the opportunity to vote on a statewide milk marketing program which could provide more than \$9 million

a year to increase sales of milk and dairy products.

"A successful referendum in early spring will have the potential to double existing efforts at promotion and marketing of milk," Hallowell said before a meeting of representatives of the state's dairy cooperatives.

"After numerous meetings with individual dairymen, milk cooperatives and farm organizations," said Hallowell, "it appears that a referendum conducted now would likely prove successful."

If approved the statewide referendum would assess 3/4 of one percent of the weighted average price of milk or approximately 10 cents per hundredweight.

The Agriculture Secretary has called a meeting of the Pennsylvania Dairy Promotion Advisory Committee on Dec. 22. At that time, the committee, which represents the wide interests of the dairy industry, will discuss the draft proposals and determine a timetable for preceeding with the referendum. The amended draft

(Turn to Page A38)

In Hershey Institute:

1,000 Young Farmers meet

BY DICK ANGLESTEIN

HERSHEY — Away from the lowing of cattle, clanking of hog feeders and the pre-dawn milking schedule for a few days, more than 1,000 Young Farmers from throughout the nation gathered at Hershey this week for their 15th National Educational Institute.

Hosted by the Pennsylvania Young Farmers, the five-day institute featured a full program of educational sessions, on-farm tours, socializing and the exchange of ideas and business meetings.

In official business, delegates to the institute approved:

—Hiring of a full-time executive secretary, Ann Millon Schwarm, who had coordinated the Young Farmer Spokesperson for Agriculture program for the sponsoring Elanco Products Company.

—Raising of dues to be forwarded to the national executive secretary by the state organization from 10 to 20 cents per member per year. The funds will be used to recruit more states in the national organization.

—Changing of the national summer meeting to a delegate voting session in order to free more time at the winter educational institute for informational sessions and tours. Previously, business

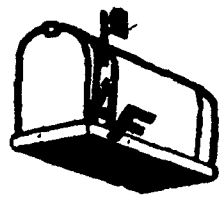
matters could only be proposed and recommended at the summer meeting.

—Scheduling of the 1984 national meetings in Wyoming. Next year's sessions will be held in Texas and in 1983 in Virginia.

In all, some 27 states were represented at the institute held at the Hershey Motor Lodge and Convention Center.

(Turn to Page A32)

Inside This Week's...



Some of the top sellers at the Golden Harvest Sale at the Guernsey Pavilion Thursday are pictured on A26.

Lebanon County dairy family builds top herd and operation in eight generations. Read about them on...D2.

Several state counties have ended their 1981 DHIA testing year and you can find several reports throughout the D section.

Dairy

Adams DHIA, D8; Blair DHIA, D19; Cumberland DHIA, D24; Dauphin DHIA, D6; Lebanon DHIA, D25; Mifflin DHIA, D17; Montgomery DHIA, D13; Somerset DHIA, D15; Sullivan DHIA, D7; Warren DHIA, D20.

Home and Youth

Homestead Notes, B2; Home on the Range, B6; FWS calendar, B4; Society reports, B13; Kid's Korner, B14; 4-H news, B16 and 17; FFA news, B23; Christmas spending, B10; Berks Horse Banquet, B19; Lebanon Young Farmers, B24; Farmland Preservation, D11.

Columns

Editorials, A10; Now is the time, A10; Ida's Notebook, B8; Ladies, have you heard? B7; Joyce Bupp's column, B29; Chicken Coop News,

B24; Farm Business News, C2; Farming's Futures, D16; Farm Talk, D10; Brockett's Ag Advice, D26.

(Turn to Page A25)

LCCD joins satellite pilot project

BY DEBBIE KOONTZ

LANCASTER — In a unanimous vote at their monthly board meeting, Wednesday night, the Lancaster County Conservation District Board agreed to support a proposed project which would incorporate the Chickies Creek Watershed in Lancaster in a study using a digital data base derived from satellite to help in land use decision-making.

The project was suggested and will be directed by Richard Brand of Titan Systems, Inc. of McLean, VA, and will seek funding from several sources, including the Soil Conservation Service, the Forest Service, the Data General Corporation and the Lancaster County Conservation District.

Though Brand had only favorable remarks on his proposed project, the Pennsylvania Science and Engineering Foundation (hoped by Brand to be the project's largest sponsor), did not share his enthusiasm. During a board meeting Thursday afternoon, the PSEF board voted not to fund the project.

William Cook from PSEF said, "The board didn't feel it was really novel technology and we have very limited funding to distribute to such projects. They felt this proposal was just applying technology instead of research."

"We're being very selective on what projects we fund. We've turned a large number down. Our

funding is just very tight," he explained.

According to Brand, the PSEF's failure to fund the project "will not stop it, just delay it for a while until other sources can be found for funding."

Commenting on the project itself, Brand said, "I'm very excited about this because the program has a lot to offer. It will try to put land decision-making in the hands of the farmer which is a terrific goal."

"It has incredible potential for being a good model and when the government finds something that serves as a good model, they'll find the money," he said.

Livestock market and auction news

Lancaster Market

Monday, December 7

Report supplied by USDA

Cattle Calves Hogs Sheep

Today	967	89	1041	165
Last Monday	734	139	1148	76
Last Year	940	109	1127	179
Monday's Auction	830	95	1040	190
Last Monday's Auction	676	141	1169	128

CATTLE: Slaughter steers 1.50-2.50 lower, instances 3.00 lower; slaughter heifers 1.00-2.00 lower; cows steady, instances 50 lower; bullocks fully steady; bulls 1.00-2.00 higher. Supply included 55% slaughter steers, 16% bulls, 15% slaughter heifers, and 14% cows.

SLAUGHTER STEERS: Few head high Choice and Prime 3-4 1175-1275 lb. 60.75-62.00; Good and choice 1-2 1050-1275 lb. 62.50-63.25, couple 63.25-63.75; Choice 2-4 1050-1350 lb. 59.00-61.50, few 61.50-61.75; high Good and low Choice 2-3 1000-1350 lb. 58.00-61.00; Good 2-3 56.00-58.50; Good and Choice 1150-1400 lb. Holsteins 52.60-54.25.

SLAUGHTER HEIFERS: Choice 2-3 950-1200 lb. 55.85-60.00; few Choice 2 940-1050 lb. 60.25-63.25; Good 2-3 850-1025 lb. 52.50-56.00.

COWS: Utility and Commercial 1-3 38.00-39.50, few 39.50-40.75; couple Utility 1-2 beef breed 42.00-44.50; Commercial 3-4 35.75-38.00; Cutter 1-2 36.50-39.25; Canner and low Cutter 34.50-36.50.

BULLOCKS: Choice 1000-1350 lb. 60.00-63.75, few 64.00-65.25; Good 1000-1250 lb. 54.50-60.00.

BULLS: Yield grade 1 1400-1900 lb. 53.00-56.50, couple 60.00-63.00; yield grade 2 1000-1450 lb. 48.50-53.50.

VEAL CALVES: Vealers mostly steady. Demand no more than fair for Holstein bulls to return to farm.

VEALERS: Few Choice and Prime special fed 240-315 lb. 108.00-118.00; Choice 140-260 lb. 85.00-100.00, few 100.00-106.00; high Good and low Choice 140-250 lb. 65.00-85.00, 120-140 lb. 55.00-65.00, 80-110 lb. 35.00-50.00 few 50.00-55.00.

RETURNED TO FARM: Bulk 85-115 lb. Holstein bulls 57.00-75.00, few 75.00-84.00.

SHEEP: Woolled lambs firm to 5.00 higher; slaughter ewes fully steady.

WOOLED LAMBS: Choice 60-105 lb. 51.00-58.00, few 60.00-63.00; Good 60-90 lb. 46.00-50.00.

SLAUGHTER EWES: Utility and Good 28.00-34.00.

Vintage Livestock

Tuesday, December 8

Report supplied by USDA

Cattle Calves Sheep

Today	786	913	26
Last Tuesday	608	815	11
Last Year	659	787	12

CATTLE: Compared to last Tuesday slaughter steers 2.00 to mostly 3.00 lower; slaughter heifers 1.00-2.00; cows 1.50-2.00 lower, instances 3.00 lower; bulls 1.00-2.00 lower. Supply included 46 per cent slaughter steers, 43 per cent cows, 6 per cent bulls with the balance mainly slaughter heifers.

SLAUGHTER STEERS: Good and Choice 1-2 1050-1375 lbs. 61.50-62.25, 15 head 62.50-67.35; Choice 2-4 1050-1375 lbs. 59.25-61.00, couple 61.00-61.50; high Good and low Choice 2-3 860-1225 lb. 57.00-60.00; Good 2-3 55.00-57.50; Good and Choice Holsteins 52.00-55.50.

SLAUGHTER HEIFERS: Good 2-3 850-1025 lb. 50.00-55.10, couple Choice 2-3 56.00-58.10.

COWS: Utility and Commercial 1-3 37.00-39.50, few 39.50-41.50; Cutter 1-2 35.75-39.00, few 39.25-40.00; Canner and low Cutter 33.00-35.50.

BULLOCKS: Few Good 975-1100 lb. 50.00-53.75.

BULLS: Yield grade 1 1350-2100 lb. 50.00-51.50; yield grade 2 1000-1400 lb. 48.00-50.25.

VEAL CALVES: Few Choice vealers fully steady; high Good and low Choice 60-115 lb. weak to 5.00 lower. Supply included 628 in graded sale of which 73 per cent sold to return to farm.

VEALERS: Few Choice 185-325

lb. 90.00-98.00; high Good and low choice 140-310 lb. 67.00-85.00 few 85.00-91.00, 110-130 lb. 55.00-70.00, 90-110 lb. 43.00-55.00, 80-90 lbs. 36.00-45.00, few 60-80 lb. 27.00-36.00.

RETURNED TO FARM: 75 head 90-115 lb. Holstein heifer 140.00-149.00, 22 head 80-85 lb. 51.00, 30 head small frame 90-105 lb. 120.00-136.00; 35 head 120-125 lb. Holstein bulls 81.00-81.50, 185 head 100-115 lb. 83.50-87.00, one lot 90-95 lb. 54.00, 90 head small frame 100-125 lb. 55.00-59.00.

SHEEP: Insufficient volume for a market test; few Choice 95-115 lb. slaughter lambs 51.00-57.00.

Lancaster Auction

Wednesday, December 9

Report supplied by USDA

Cattle Calves Hogs Sheep

Today	570	22	964	37
Last Wednesday	382	86	1137	2
Last Year	468	38	1156	2
Wednesday's Auction	329	27	885	38
Last Wednesday's Auction	202	87	1103	2

CATTLE: Compared to Monday slaughter steers steady to weak; slaughter heifers not tested; cows 50-1.00 lower; bulls generally steady. Supply included 54% slaughter steers, 9% slaughter heifers, 22% cows, and 16% bulls.

SLAUGHTER STEERS: Choice 2-4 1025-1275 lb. 58.35-60.35, couple yield grade 2 61.50-63.50; high Good and low Choice 2-3 1000-1200 lb. 57.75-59.25, couple lots 850-960 lb. 57.35-57.60; Good 2-3 850-1150 lb. 54.50-58.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 56.00-58.50, couple yield grade 2 60.50-63.25; few Good 2-3 51.00-54.50.

COWS: Utility and Commercial 1-3 35.75-37.50; Cutter 1-2 34.75-37.00.

BULLS: Yield grade 1 1300-1800 lb. 50.00-53.85, couple 54.50-56.00; yield grade 2 950-1350 lb. 46.00-50.00.

VEAL CALVES: Insufficient volume for a market test; few high

Good and low Choice vealers 75-95 lb. 45.00-55.00; couple 95-115 lb. Holstein bulls returned to farm at 75.00-80.00.

SHEEP: Few woolled lambs fully steady.

WOOLED LAMBS: Few Choice 80-105 lb. 54.00-58.00.

New Holland Livestock

Thursday, December 10

Report supplied by USDA

CATTLE: 859. Compared to last Thursday slaughter steers uneven, generally 1.00-1.50 lower, although few sale Choice mostly steady; slaughter heifers 1.00-2.00 lower; cows 1.00-2.00 lower, instances 3.00 lower; bullocks and bulls 2.00-3.00 lower, extremes 5.00 lower. Supply included 32 per cent slaughter steers, 5 per cent slaughter heifers, 49 per cent cows and 14 per cent bulls.

SLAUGHTER STEERS: Good and Choice 1-2 1050-1425 lb. 62.50-64.25; Choice 2-4 1050-1400 lb. 59.50-62.00, several 62.00-62.75, few 63.00-63.50; high Good and low Choice 2-3 57.50-59.50; Good 2-3 54.00-57.50; few head Good and Choice 1150-1400 lb. Holsteins 52.00-54.25; Standard 1-2 46.50-51.50.

SLAUGHTER HEIFERS: Few Choice 2-3 875-1025 lb. 54.50-56.50, couple yield grade 2 58.00-60.00; few Good 2-3 825-1000 lb. 49.00-53.50.

COWS: Utility and Commercial 1-3 37.50-39.00, few 39.00-40.00; Cutter 1-2 35.25-38.00, few 38.00-38.75; Canner and low Cutter 32.00-35.50.

BULLOCKS: Choice 1000-1350 lb. 55.00-56.50; Good 1000-1250 lb. 51.00-55.00.

BULLS: Yield grade 1 1400-2200 lb. 48.00-51.75, couple 51.75-52.50; yield grade 2 1000-1450 lb. 45.00-49.25, several 800-1050 lb. 40.00-45.00.

VEAL CALVES: 525. Vealers weak to 5.00 lower. Demand fair for calves to return to farm.

VEALERS: Few head Choice and Prime special fed 250-320 lb. 103.00-109.00; Choice 160-280 lb. 85.00-95.00, few 95.00-100.00; high Good and low Choice 140-250 lb. 65.00-80.00, 115-140 lb. 55.00-63.00, 80-115 lb. 40.00-50.00, few 105-115 lb. 50.00-55.00, 60-80 lb. 30.00-42.00.

RETURNED TO FARM: Bulk 85-115 lb. Holstein bulls 57.00-85.00, few 85.00-98.00; bulk 90-120 lb. Holstein heifers 60.00-90.00, few 90.00-125.00.

SHEEP: 64. Woolled lambs 1.00-3.00 higher; slaughter ewes 5.00-8.00 higher.

WOOLED LAMBS: Choice 85-130 lb. 53.00-57.00; Good 55-90 lb. 36.00-45.00, few 45.00-51.00.

SLAUGHTER EWES: Utility and Good 22.00-34.00, few 34.00-39.00.

GOATS: 20. All goats sold by the head mainly 26.00-36.00, few 39.00-46.00.

Lancaster Co. Weekly

Friday, December 11

	Cattle Calves
This Week	3700 1560
Last Week	3394 1662
Last Year	3610 1431

CATTLE: Slaughter steers 1.00-2.00 lower, some sales early part of week as much as 3.00 lower; slaughter heifers 1.00-2.00 lower; cows 1.00-2.00 lower, instances 3.00 lower; bullocks closed the week 2.00-3.00 lower; bulls 1.00-2.00 lower. Supply included 34 per cent slaughter steers, 6 per cent slaughter heifers, 25 per cent cows, 10 per cent bulls with the balance mainly feeder steers held for Friday's auction.

SLAUGHTER STEERS: Few head high Choice and Prime 3-4 1175-1275 lbs. 60.75-62.00; Good and Choice 1-2 1050-1275 lbs. 61.50-64.25, around 10 head 64.25-67.35; Choice 2-4 1050-1375 lbs. 59.25-62.00, few late 62.00-63.50, high Good and low Choice 2-3 57.00-59.50, Good 2-3 54.00-57.50; Good and Choice 1150-1400 lb. holsteins 52.00-55.50, Standard 1-2 46.50-51.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lbs. 55.00-58.50; few Choice Grade 2 940-1050 lbs. 59.50-63.25; Good 2-3 825-1025 lbs. 51.00-56.50.

COWS: Utility and Commercial 1-3 37.50-39.50, few 39.50-41.50; Cutter 1-2 35.25-39.00, few 39.00-40.00; Canner and low Cutter 32.00-35.50.

BULLOCKS: Choice 1000-1350 lbs. 55.00-58.50, sales early part of week 63.00-63.75; Good 1000-1250 lbs. at the close 51.00-55.00.

BULLS: Yield grade 1 1400-2200 lbs. 48.00-51.50, several early part of week 53.00-56.00; Yield Grade 2 1000-1450 lbs. 45.00-50.00, few 800-1050 lbs. 40.00-45.00.

VEAL CALVES: Vealers weak to 5.00 lower. Demand fair for calves returned to farm.

VEALERS: Few Choice and Prime special fed 240-320 lbs. 103.00-112.00, couple 112.00-118.00; Choice 140-260 lbs. 85.00-95.00, few

(Turn to Page A9)

SPECIAL GRADED FEEDER CATTLE SALE

FRIDAY, DECEMBER 18, 1981

11:00 A.M.

500 HEAD

All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
Graded by Jim Anderson - USDA



LANCASTER STOCKYARDS WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE - DEC. 15

EQUIPPED TO RECEIVE YOUR LIVESTOCK
24 HOURS A DAY, 365 DAYS A YEAR.

PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

HAY, STRAW & CORN SALE

Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION

RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

NEW HOLLAND The Action Auction

AUCTIONS make the difference in auctions!

NEW HOLLAND makes the difference in marketing livestock!

MONDAY'S AUCTION
8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12:00 Noon - Dairy Sale
1:30 P.M. - Feeder Pig Sale

THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale

NEW HOLLAND SALES STABLES INC.

New Holland, PA
Abram W. Driffenbach, Manager
Phone 717-354-4341

B&R CATTLE CO.

RD1, Marietta, PA

17547

Office Phone:

(717) 653-8164

Specializing In

Stockers &

Feeders

JOHN BOWMAN

Ph: (717) 653-5728

RON RANCK

Ph: (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.

1 mile East of
Fredericksburg
along Route 22

PHONE:

JONESTOWN

865-2881

Sale every Tuesday
at 1:30 P.M. starting
with feeder cattle
and pigs.

Also Hay Sale
every Tuesday at
12:30.

VINTAGE SALES STABLES, INC.

Sale Every Tuesday & Friday
11 A.M.

Slaughter Cattle Auction -
Steers, Bulls, Heifers, Cows,
Feeder Cattle.

(no calves or sheep Friday)

Get calves in early. We start to grade and weigh at 2:30.

Sale Every Wednesday &
Saturday - 9 A.M.

Hog Sale

Starting Friday, October 16 for
Hay and Straw Sale.

4 possum bellied trailers
available for long distance
and local hauling

Business Phone

717-768-8204

Home Phone

215-458-5060

L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Report supplied by USDA
Monday, Dec. 7

HOGS: Barrows and gilts 75-1.00 lower; sows mostly 2.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 43.00-43.75, few 43.85-44.25; US 1 205-250 lbs. 45.00-46.00, few 46.25-46.75; US 1-3 210-270 lbs. 42.75-43.25.

SOWS: US 1-3 350-650 lbs. 36.50-38.00; Few 450-550 lbs. 38.00-38.50.

Tuesday, Dec. 8

Report supplied by USDA

Today 285
Last Tuesday 341

TREND: Barrows and gilts 50 lower, instances 1.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lbs. 42.50-43.00, Few 43.10-43.25; US 1 210-245 lbs. 43.50-43.75; US 1-3 210-260 lbs. 42.25-42.75; Few US 2-3 210-245 lbs. 42.00-42.25.

Wednesday, Dec. 9

HOGS: Barrows and gilts 50-1.00 lower, few 260-280 lbs. fully 2.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lbs. 41.50-42.25, Couple lots 42.25-42.75; US 1 210-240 lbs. 43.00-43.85, Few 44.00-44.25; US 1-3 210-255 lbs. 41.00-41.50; US 2-3 Few lots 260-285 lbs. 36.00-39.50.

Lancaster Hogs

Saturday, December 6

1500 head.

1's, 210-235 lbs. 45.50-47; 2 and 3, 210-245 lbs. 44-44.50; 2 and 3, 200-250 lbs. 43.50-44; Sows, 300 and up, 36.50-38.75; Boars, 200 and up, 35.50-38.

Lancaster Feeder Pigs

Tuesday, December 8
Report supplied by USDA

Today 1218
Last Tuesday 1037
Last Year 2122

TREND: Compared to last Tuesday feeder pigs weak to 5.00 lower, although around 275 head 43-53 lbs. US 1-2 steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 10 head 15-22 lbs. 87.50-98.00; 129 head 30-39 lbs. 70.00-83.00; 229 head 43-46 lbs. 81.00-90.50; 244 head 40-49 lbs. 64.00-77.00; 52 head 51-53 lbs. 80.00-83.50; 189 head 50-59 lbs. 59.00-71.00; 67 head 60-69 lbs. 63.00-68.00; 56 head 70-93 lbs. 50.00-64.00.

US 2: 24 head 30-39 lbs. 61.00-71.00; 39 head 40-49 lbs. 60.00-67.00; 50 head 50-59 lbs. 52.00-59.00; 23 head 77 lbs. 57.00.

Vintage Hogs

Vintage Sales Stables
Saturday, Dec. 5

Report supplied by auction

U.S. 1 & 2 210-235 lbs. 43.00-44.00; U.S. 2 & 3 41.50-43.00; Sows 300-500 lbs. 34.00-36.00; Boars 300-500 lbs. 33.00.

Wednesday, Dec. 9

U.S. 1 & 2 210-235 lbs. 42.00-43.00; U.S. 2 & 3 200-245 lbs. 40.50-42.00; Sows 300-500 lbs. 32.00-34.00; one Boar 600 lbs. 31.25.

New Holland Feeder Pigs

Wednesday, Dec. 9
Report supplied by USDA
Feeder Pigs

Today 827
Last Wednesday 784
Last Year 1273

TREND: Compared to last Wednesday feeder pigs steady, instances 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 36 head 21-29 lbs. 90.00-95.00; 71 head 30-39 lbs. 70.00-85.00; 78 head 40-49 lbs. 66.00-73.00; 178 head 50-59 lbs. 61.00-79.00; 27 head 60-69 lbs. 59.00-64.00; 9 head 75-94 lbs. 51.00-57.00.

US 2-3: 27 head 25-32 lbs. 84.00-88.00; 39 head 30-39 lbs. 68.00-76.00; 130 head 40-49 lbs. 56.00-77.00; 120 head 50-63 lbs. 57.00-71.00; 20 head 83-86 lbs. 50.00-56.00.

New Holland Hogs

Monday, Dec. 7

Report supplied by USDA

Today 1702
Last Monday 1095
Last Year 1718

TREND: Compared to last Monday barrows and gilts 1.00-1.50 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 43.00-43.85, Few 44.00-44.10; US 1 205-240 lbs. 44.25-45.00; US 1-3 210-260 lbs. 42.25-43.50.

Peoria Hogs

Thursday, Dec. 10

Report supplied by USDA

HOGS: 4000 Barrows & gilts moderate, 25-50 higher. US 1-2 200-240 lbs. 41.50-41.75, 200 head 42.00; US 1-3 200-240 lbs. 40.50-41.50.

SOWS: Steady-50 higher. (13%). US 1-3 350-425 lbs. 32.50-33.00; 425-500 lbs. 33.00-34.00; 500-650 lbs. 34.00-34.50.

BOARS: Over 350 lbs. 31.50-31.75; under 350 lbs. 34.00-36.50.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Wednesday, Dec. 10
Report supplied by USDA Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	507,000	42,000	1,414,000	96,000
Last Week	500,000	42,000	1,433,000	99,000
Last Year	506,000	40,000	1,457,000	83,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Dec. 10)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.51	3.92		186.80
Jan.	—	—	6.29	185.70
Mar.	2.79	4.04	6.41	186.80
May	2.79½	4.17½	6.52	

Trend - Corn is lower, Wheat is lower, Soybeans are higher, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Indianapolis Hogs

Thursday, Dec. 10

HOGS: 900 (Fell 200 short of estimated 1100). Barrows & gilts moderately active, .75-1.00 higher. US 1-2 220-250 lbs. 42.25-42.50, 32 head 42.75.

SOWS: Moderate, under 500 lbs. steady-50 lower, over 500 lbs. 75-2.50 lower in limited test. (16%). US 1-3 350-400 lbs. 32.00-33.00; 400-500 lbs. 32.00-34.00; 500-600 lbs. 33.00-35.25.

BOARS: Scarce, few over 350 lbs. 31.00-32.00.

St. Louis Hogs

Thursday, Dec. 10

Report supplied by USDA

HOGS: 6000. Barrows & gilts active, steady to 50 higher, mostly 25-50 higher. US 1-2 200-240 lbs. 41.25-41.75; US 1-3 230-250 lbs. 40.50-41.25; 250-260 lbs. 40.00-40.50; US 2-3 250-270 lbs. 38.50-40.00.

SOWS: Uneven, weights under 500 lbs. steady-1.00 lower, over 500 lbs. 50 higher. (About 10%). US 1-3 300-500 lbs. 31.50-33.00; Over 500 lbs. 33.50-34.50.

BOARS: Over 250 lbs. 31.00-31.50; 200-250 lbs. 35.00-35.50.

Feeder Pig Sale

Farmville, Va.

Thursday, Dec. 3

Report supplied by VDA

There were 1435 head sold.
US 1-2: 30-39 lbs. 70.50; 40-49 lbs. 66.00; 50-59 lbs. 59.50-65.00; 60-69 lbs. 50.00; 70-84 lbs. 44.00; 85-100 lbs. 37.50.

US 3: 30-39 lbs. 68.00; 40-49 lbs. 56.50; 50-59 lbs. 50.00; 60-69 lbs. 44.50; 70-84 lbs. 40.00.

Ut. & US 4: 30-39 lbs. 30.00; 40-49 lbs. 32.00; 60-69 lbs. 30.50.

Futures Trading

(Closing Bids as of Thursday, Dec. 10)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Dec.	59.10	40.55	
Feb.	57.52	41.25	
Apr.	57.52	39.60	8.51

Trend - Cattle are lower, Hogs are lower. Potatoes are higher.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

Joliet Cattle

Thursday, December 10

CATTLE: Friday through Wednesday's salable receipts 4100; 5 days last week 5449; year ago 7082. Trading slow Monday; moderately active on Wednesday. Slaughter steers ended the week 1.50 to 2.00 lower. Slaughter heifers closed the week 1.00 to 1.50 lower. Cows ended the week 2.00-3.00 lower.

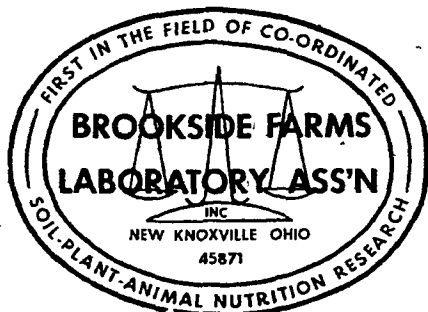
SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1150-1350 lbs. 60.00-61.00 Monday; 59.50-60.00 Wednesday. Choice 2-4 1050-1300 lbs. 58.50-60.00 Monday; 58.00-59.50 Wednesday. Mixed Good and Choice 2-3 1000-1200 lb. 57.50-59.00 Monday; 57.00-58.00 Wednesday. Load Choice 2-3 1500 lb. Holsteins 56.50 Monday. Mixed Good and Choice 2 1200-1500 lb. Holsteins 52.50-55.00 Monday; load 54.00 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 950-1100 lb. 58.25-59.00 Monday 57.75-58.00, load 58.25 Wednesday. Choice 2-4 900-1100 lb. 56.50-58.25 Monday 56.50-57.50 Wednesday. Mixed Good and Choice 2-3 800-1000 lb. 55.00-57.00 Monday; 55.00-56.50 Wednesday.

COWS: Cutter and Utility, few Commercial, 1-3 33.50-37.00 Monday; 30.00 Wednesday. Canner 1-3 29.00-33.00 Monday; 27.00-30.00 Wednesday.

This Publication
is available in Microform.

University Microfilms International
300 North Zeeb Road Dept. P.R. Ann Arbor, MI 48106



National Reputation — Local Service

CONTACT

JOHN CAMPBELL

Atglen, PA
(215) 593-5529

GARY McGEE

Spring Run, PA
(717) 349-7300

DAN DERR

Conowingo, MD
(301) 378-3280

The Bottom Line

As everybody knows the bottom line represents your profit or loss, and at WALTER M. DUNLAP AND SONS we do all we can to enhance your profit or minimize your loss.

How do we do it?

The answer is in the way all livestock consignments are expertly sorted and handled whether those consignments are fat cattle, veal calves, feeder pigs or fat hogs.

The result is LESS SHRINK.

First of all, every consignment of feeder pigs, veal calves and fat hogs is weighed upon arrival. So, with LESS SHRINK, and at present prices, this means MORE DOLLARS for you the consignor.

Secondly, all fat cattle are assigned large pens and each consignment is kept separate. With large airy pens and water available the result is LESS SHRINK.

And just one more matter of importance — There is no waiting at the docks to unload.

What does all this add up to?

The bottom line is LESS SHRINK and more dollars to you the consignor.

NEXT FEEDER PIG SALE
Tuesday, December 15, at 1:00 PM

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

SHOTZBERGER LIVESTOCK TRANSPORTATION

P O Box 925
Lancaster, PA
17603

(717) 393-4641
"We Would Be Happy To Have You As A Customer"

HAY & STRAW HAULED

To Local Auctions
Have Market For MULCH HAY

MEADOW GREEN FARMS
HOWARD N. WEAVER
RT #1 Box 93A
Richland, Pa. 17087
Best Time to Call
Saturday Morning
6 A.M. & 8 A.M.
717-933-5187

J.M. HOOBER Inc.

LANCASTER STOCKYARDS

Your Livestock Broker Since 1895

- Up-to-date market information.
- Commission Agents for slaughter cattle, fat hogs, calves, lambs, feeder pigs.
- Suppliers of feeder cattle.

Consign your livestock to J.M. Hooper, Inc., and receive personal care & service.

PH: (717) 397-6191 - Home 569-2084
Hog Dept. 626-8653

Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, Dec. 8

Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. X	92-100	90-98	85-93	60-68
Mostly	94-98	92-96	87-91	62-66
N. HAMP.	87-93	85-91	80-86	55-61
Mostly	89-92	87-90	82-85	57-60
R.I.	97-98	95-96	90-91	65-66
VERMONT	94-105	92-102	87-97	—
Mostly	96-97	94-95	89-91	—
MAINE	92-94	90-92	85-87	60-62

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, Dec. 4 to Dec. 11

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	80	79	79	79	79
Ex Large	78	77	77	77	77
Large	77	76	76	76	76
Mediums	73	72	72	72	72
Pullets	61	60	60	60	60
BROWN					
Jumbo	98	97	97	97	97
Ex Large	92	91	91	91	91
Large	90	89	89	89	89
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	69	68	68	68	68
Checks	41	40	40	40	40

Tone: Buying interest improved. Supplies ample. Market steadier.
Copyright 1981 by Urner-Barry

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight	Dec. 8	Dec. 10
Class 1 - Large	48 lbs.	58	60½
Class 2 - Large	45 lbs.	57	57
Class 3 - Medium	42 lbs.	52	52
Class 4 - Small	39 lbs.	48	48
Breaking Stock	48 lbs.	49	50½
Checks	48 lbs.	44	45½

Delmarva Poultry

Wednesday, Dec. 9

Report supplied by USDA

Today's L.T.L. asking prices steady at 44-47 cents on U.S. Grade A.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/10 1788; Actual 12/3 1809; Actual 12/8 1761; Average Weights 12/8 4.14; 12/1 4.31.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 9

Report supplied by USDA

Prices Paid at Farm:

Light Type Hens: 10-11, mostly 10½-11.

F.O.B. Plant: 12-13, mostly 12½-13.

Heavy Type Hens: Too Few To Report.

Baltimore Eggs

Tuesday, Dec. 3

Report supplied by USDA

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.
Grade A Large 76-82
Grade A Medium 72-78

102.00-109.00; Choice 85.00-100.00; Good 65.00-85.00, few 110-130 lbs. 60.00-70.00; 90-110 lbs. 50.00-61.00; 70-90 lbs. 35.00-53.00, Utility 50-100 lbs. 25.00-50.00.

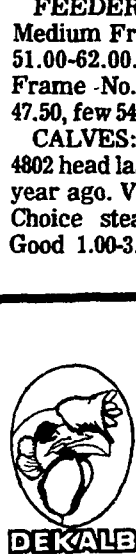
FARM CALVES: Hol. Bulls 90-135 lbs. 57.00-91.00; Hol. Heifers 90-140 lbs. 60.00-120.00, few to 149.00.

HOGS: 7509. Compared with 7451 head last week and 7012 head a year ago. Barrows and gilts 1.50-2.50 lower. US No. 1-2 200-245 lbs. 43.00-43.85 few to 45.00; No. 1-3 200-250 lbs. 41.00-43.50; No. 2-3 200-275 lbs. 39.00-43.00; No. 1-3 140-190 lbs. 39.00-43.50; Sows 1.00-3.00 lower. US No. 1-3 300-600 lbs. 36.00-44.00; No. 2-3 300-750 lbs. 33.00-40.00. Boars 28.00-33.00.

FEEDER PIGS: 1418. Compared with 860 head last week and 1843 a year ago. Feeder pigs uneven, mostly steady to weak, US No. 1-3 20-35 lbs. 15.00-26.50; No. 1-3 35-50 lbs. 20.00-34.00; No. 1-3 50-85 lbs. 33.50-38.50 per head.

GRADED FEEDER PIGS: 3061. Compared with 2151 head last week, and 4534 head a year ago. All sales by CWT. Feeder Pigs mostly 3.00-8.00 lower. US No. 1-2 25-40 lbs. 70.00-92.00, 40-50 lbs. 62.00-90.50, 50-60 lbs. 59.00-79.00, 60-80 lbs. 50.00-70.00; US No. 2-3 30-40 lbs. 60.00-84.00, 40-50 lbs. 54.00-67.00, 50-60 lbs. 52.00-60.00.

SHEEP: 718. Compared with 490 head last week and 712 head a year ago. Woolled sl. lambs unevenly steady. Choice 70-115 lbs. 51.00-59.50, few down to 45.00; Good 60-110 lbs. 42.00-51.50. Sl. ewes: 17.00-36.00.



Two Ways To Improve Your Profit Picture XL & DK

Two layers with distinctly different characteristics... From two separate research programs.

You don't have to buy from two different companies to get the two top layers on the market.

The XL shows excellent production under mahy management conditions. The DK responds best to finely tuned, close management.

DEKALB Layers are bred to possess the economic traits most applicable to your operation. You do have a choice... The high productivity XL or the high efficiency DK.



CONTACT:

Mayer's CHICKS, INC.

DEKALB Quakertown, PA 18951
BROWN & WHITE (215) 536-3155
EGG LAYERS

HUBBARD
WHITE MT.
BROILERS

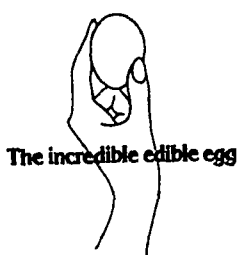
Philadelphia Eggs

Thursday, Dec. 10

Report supplied by USDA

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 76-80½; A Large 75-79½; A Medium 70-75½.



The incredible edible egg



TOP OF THE HOG MARKET

DANVILLE LIVESTOCK MARKET

OLD ROUTE 11, DANVILLE, PA 17821
717-275-2880

HORSE SALE HELD 3rd SATURDAY OF THE MONTH

Market your cattle & hogs the auction way.
Sale every Monday 2 P.M.
Melvin M. Lehman (Owner)



Copyright 1981 by Lancaster Farming
P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Sheila M. Miller, Editor
Dick Anglestein, Staff Writer
Debra L. Koontz, Home Editor
Donna M. Tommelleo, Staff Writer

CORRESPONDENTS
M.H. Gitt, Adams County
Biglerville, 717-677-9440

Patty Gross, Bedford, Blair, Huntingdon counties
Roaring Spring 814-224-4694

Laurel Schaeffer, Berks County
Bernville

Jane Breesee, Bradford County
Ulster 717-358-3346

Beth Hemminger, Cumberland County, Franklin and Perry counties
Newville 717-486-5322

Sally B. Bair, Lancaster County
Columbia 717-285-4926

Susan Kauffman, Lancaster County
Peach Bottom 717-548-3131

Joyce Bupp, York County
Seven Valleys

Subscription Price:
\$7.50 per year; \$13.00 - 2 years
\$12.00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
Lititz, PA 17543 USPS 304-040

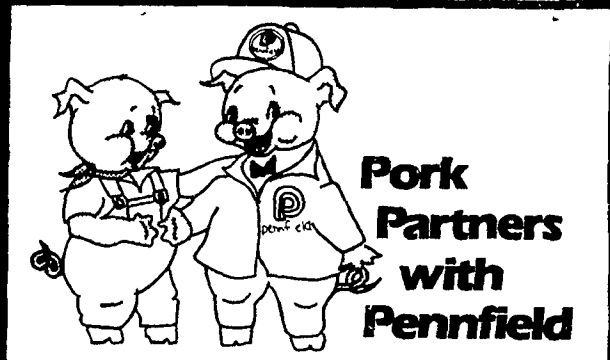
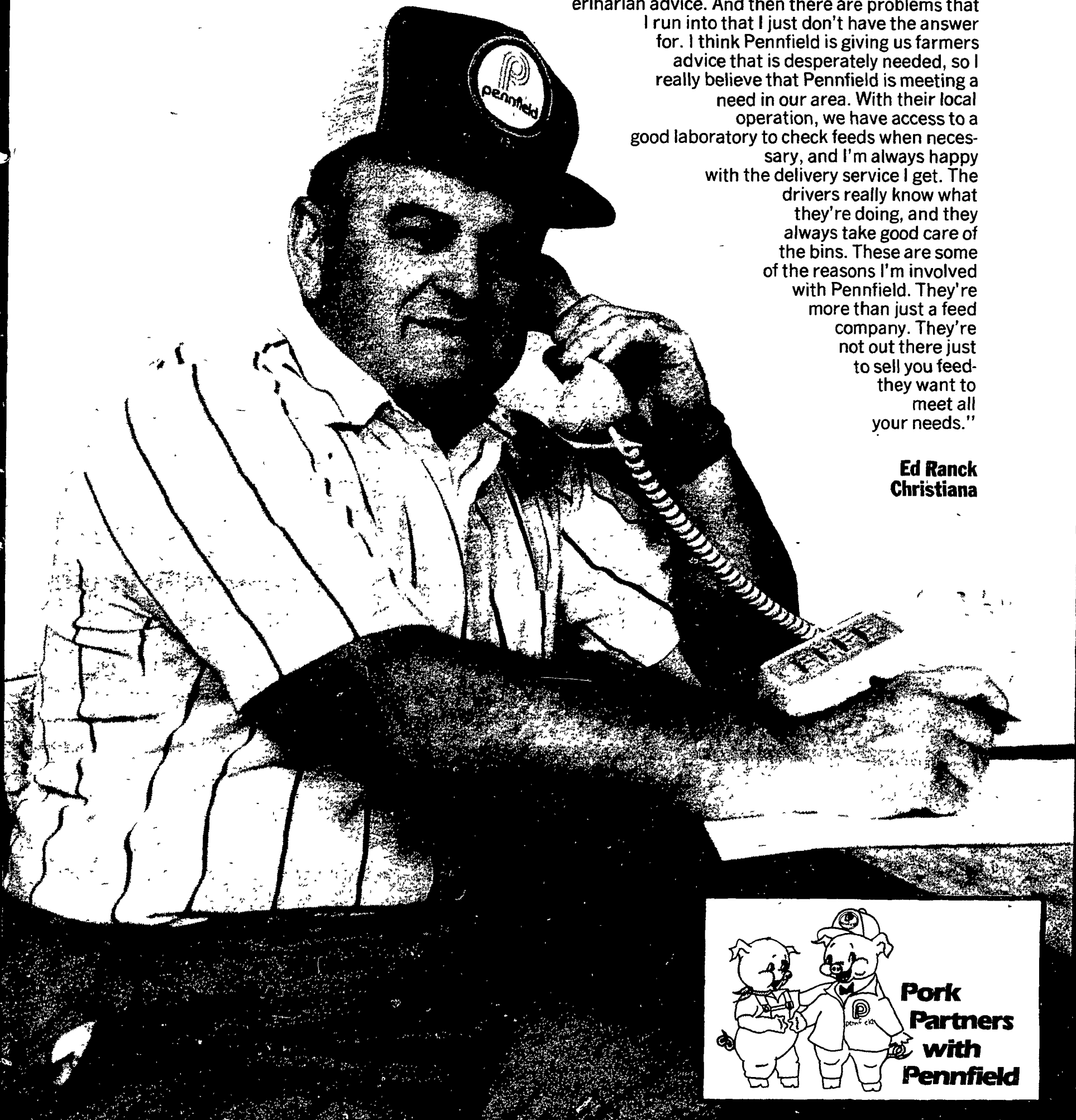
For address change form or new
subscription see Mailbox Markets.

Members of Newspaper Farm Editors Assn.,
Pa. Newspaper Publishers Association,
and National Newspaper Association.

"What I like about Pennfield is that they're right here to help me."

"They're just a phone call away. I like their veterinarian advice. And then there are problems that I run into that I just don't have the answer for. I think Pennfield is giving us farmers advice that is desperately needed, so I really believe that Pennfield is meeting a need in our area. With their local operation, we have access to a good laboratory to check feeds when necessary, and I'm always happy with the delivery service I get. The drivers really know what they're doing, and they always take good care of the bins. These are some of the reasons I'm involved with Pennfield. They're more than just a feed company. They're not out there just to sell you feed—they want to meet all your needs."

**Ed Ranck
Christiana**




pennfield feeds

711 Rohrerstown Road, Box 4366, Lancaster, PA 17604

Local calls: Lancaster 299-2561; Red Lion, 244-4511
717 and 215 areas dial toll free 800-732-0467
Callers outside of PA dial toll free 800-233-0202

Hay Markets

New Holland Hay

New Holland Sales Stables
Monday, Dec. 7

Report supplied by auction
172 loads.
Timothy good quality 100.00-125.00, fair quality 90.00-100.00, few poor quality down to 68.00; Alfalfa good quality 115.00-144.00, fair quality 100.00-115.00, few with mold or rain damage down to 82.00; Mixed good quality 110.00-140.00, fair 90.00-110.00, few down to 71.00; Fodder 36.00-48.00; Oats 2.25 bu.; Firewood 47.00-79.00 load; Straw 55.00-70.00; Corn 75.00-80.00, one load high moisture 71.00; Grass hay and stubble 80.00-97.00.

Good's Hay

Leola, Pa.

Wednesday, Dec. 9

Report supplied by auction
100 loads.
Straw 50.00-70.00; Alfalfa 84.00-129.00, one at 134.00; Mixed 84.00-121.00, one at 145.00; Timothy 94.00-111.00; Corn 74.00-76.00; Clover 83.00; Fodder 48.00.

Regional Hay

Friday, Dec. 4

Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw steady.
Alfalfa 90.00-110, few 80.00; Mixed hay 75.00-85.00, few 65.00; Timothy hay 60.00-80.00; Straw 40.00-50.00; Mulch 30.00-45.00.

Green Dragon Hay

Ephrata, Pa.

Friday, Dec. 4

Report supplied by PDA

55 loads hay and 16 loads straw.
Alfalfa 90.00-131.00, one 141.00; Mixed hay 77.00-137.00; Timothy hay 63.00-125.00, mostly 91.00-105.00; Clover, couple 80.00 and 131.00; Straw 51.00-67.00; Ear Corn, 10 loads 58.00-100.00, mostly 69.75; Corn Fodder, one at 51.00.

Frederick Co. Hay

Buckeystown, Md.

Thursday, Dec. 10

Report supplied by auction
24 loads.
Six Alfalfa 107.00-151.00; three Timothy 95.00-105.00; five Straw 50.00-55.00; one Fodder 39.00; three Mixed 75.00-101.00; one Timothy Brome 89.00; two Alfalfa Orchardgrass 2nd cutting 105.00-160.00; three Firewood 65.00-69.00 cord.

Kiesters Hay

Middleburg, Pa.

Wednesday, Dec. 9

Report supplied by auction
11 loads of hay: Alfalfa 103.00-110.00; Mixed 67.50-104.00; Timothy 66.00-71.00.
3 loads Straw 45.00-56.00.

Pa. Grain

Monday, Dec. 7

Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 15 cents higher. Wheat mostly steady to strong. Barley steady. Oats steady to 10 cents higher. New Ear Corn steady to \$5 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.50-2.80, average 2.65; Wheat No. 2 range 3.40-3.92, few reported 3.25, average 3.54; Barley No. 3 range 2.10-2.25, average 2.18; Oats No. 2 range 1.90-2.25, average 2.05; Soybeans No. 1 range 5.80-6.13, average 5.96; Grain Sorghum No. 2 range 2.15, average 2.15; New Ear Corn range 62.00-75.00, average 66.09.

Central Pa.

Corn No. 2-y range 2.40-2.65, average 2.50; Wheat No. 2 range 3.10-3.50, few reported 3.90, average 3.42; Barley No. 3 range 2.00-2.20, average 2.09; Oats No. 2 range 1.60-1.95, average 1.77; Soybeans No. 1 range 5.50-5.75, average 5.63; Grain Sorghum No. 2 range 2.20, average 2.20; Buckwheat range 9.00-10.00, average 9.50; New Ear Corn range 50.00-56.00, average 53.00.

South Central Pa.

Corn No. 2-y range 2.40-2.60, average 2.50; Wheat No. 2 range

Livestock market and auction news

2.85-3.70, mostly 3.00-3.25, average 3.18; Barley No. 3 range 2.00-2.20, average 2.13; Oats No. 2 range 1.80-2.10, average 1.98; New Ear Corn range 55.00-70.00, average 62.25.

Western Pa.

Corn No. 2-y range 2.35-2.65, mostly 2.50-2.56, average 2.53; Wheat No. 2 range 3.00-3.25, average 3.08; Barley No. 3 range 2.20, average 2.20; Oats No. 2 range 1.80-2.00, average 1.89; Buckwheat range 8.50, average 8.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.40-2.80, average 2.57; Wheat No. 2 range 3.10-3.90, average 3.43; Barley No. 3 range 2.00-2.25, average 2.13; Oats No. 2 range 1.75-2.15, average 1.91; New Ear Corn range 52.00-70.00, average 61.07.

Middleburg Auction

Middleburg, Pa.

Monday, Dec. 8

Report supplied by PDA

CATTLE 343. Compared with last Tuesday's market, slaughter cows \$3 to \$5 lower. Good slaughter steers 54.50-59.00, Standard 48.00-54.00, Utility 43.50-47.50, Few Choice Slaughter heifers 58.00-62.10, few Good 50.25-55.75. Utility & Commercial slaughter cows 34.50-37.50, few 38.00, Cutters 32.75-36.25, Canner & Low Cutter 28.00-32.75. One Choice slaughter bullock at 58.50, few Good 49.75-54.75. Yield Grade #1 1080-2390 lbs. slaughter bulls 45.00-52.00, one at 55.35. Medium Frame #1 400-870 lbs. feeder steers 52.00-56.00; Medium Frame #1 400-680 lbs. feeder heifers 41.50-47.50; few Large Frame #2 450-750 lbs. feeder bulls 40.00-48.50.

CALVES 209. Choice vealers 82.00-94.00, few Good 75.00-82.00, Standard & Good 70-100 lbs. 49.00-57.00; farm calves, holstein bulls 85-125 lbs. 57.00-93.00, mostly 75.00-85.00; holstein heifers 90-130 lbs. 80.00-115.00.

HOGS 626. (Monday, December 7, 1981). Barrows & gilts \$1 to \$2 lower. US No. 1-2 210-235 lbs. barrows & gilts 44.00-45.00, No. 1-3 190-250 lbs. 43.25-44.00, No. 2-3 200-300 lbs. 39.00-43.00. US No. 1-3 290-610 lbs. sows 36.00-39.75, Utility 280-400 lbs. 32.50-36.00. Few Boars

33.00. (TUESDAY HEADAGE 52 HEAD).

FEEDER PIGS 310. US No. 1-3 20-35 lbs. feeder pigs 18.00-26.50 per head, No. 1-3 35-50 lbs. 24.00-36.00, No. 1-3 50-75 lbs. 36.00-38.50 per head.

SHEEP 31. Good & Choice 70-110 lbs. woolled slaughter lambs 42.00-46.50, couple to 50.00. Few Slaughter ewes 20.00-22.00.

GOATS 8. Few 27.50-80.00 per head.

Martinsburg Auction

Monday, December 7

Report supplied by auction

CATTLE 236. High Choice & Prime slaughter steers 60.00-62.25, Choice 58.50-60.50, Good 55.50-58.50, Standard 51.25-54.50, Utility 42.00-47.50. Choice slaughter heifers 56.50-57.90, Good 54.50-56.75, Standard 51.25-54.25, Utility 42.50-48.75. Utility & Commercial slaughter cows 40.25-42.75, Cutters 36.50-38.75, Canner & Low Cutter 32.50-35.75, Shells down to 25.00. Choice slaughter bullocks 53.50-56.00, Good 50.50-52.50, Standard 46.50-48.50, Utility 40.50-43.50. Yield Grade #1 slaughter bulls 50.50-56.00; yield grade #2 42.00-47.50. Choice feeder steers 52.50-53.50, Good 48.50-52.50, Medium 43.50-48.50; Good feeder heifers 51.50-52.50, Medium 45.25-48.50; Good feeder bulls 50.50-52.50, Medium 42.50-47.50.

CALVES 329. Prime vealers 85.50-92.50, Choice 81.50-88.00, Good 75.00-81.50, Standard & Good 110-130 lbs. 65.00-78.50, 90-110 lbs. 52.00-56.50, 70-90 lbs. 46.00-51.50. Farm calves, holstein bulls 90-120 lbs. 75.00-96.50; holstein heifers 90-120 lbs. 78.50-132.50.

HOGS 331. US No. 1-3 barrows & gilts 44.50-45.25, No. 1-3 43.50-44.25, No. 2-3 43.00-43.50, No. 2-4 42.00-43.00, No. 1-3 42.50-43.50. US No. 1-3 sows 42.00-43.50, No. 2-3 36.50-41.25. Boars 34.00-36.50.

FEEDER PIGS 68. US No. 1-3 25-40 lbs. feeder pigs 12.00-18.50 per head, No. 1-3 40-70 lbs. 18.50-28.50.

SHEEP 17. Choice 85-115 lbs. woolled slaughter lambs 50.25-52.50, Good 80-95 lbs. 48.50-50.25, Utility 70-90 lbs. 70-90 lbs. 42.00-44.50.

GOATS 4. 10.00-30.50 per head.

Four States Livestock

Hagerstown, Md.

Wednesday, Dec. 2

Report supplied by auction

SLAUGHTER: Fed Steers \$1.50 higher. Choice 58.00-60.25; Good 54.00-57.00; Medium 53.00 Down. Heifers Choice 53.00-55.50; Good 48.00-52.00; Medium 47.00 Down. Cows Mostly steady. Few at 44.00-45.00; High Yield 41.00-43.00; Average 38.00-40.00; Big Middle 35.00-37.00; Fatty Herf. 33.00-36.00; Shelly 35.00 Down. Fat Bulls \$2.00 higher. Good 50.00-53.25; Medium 45.00-49.00. Veal Calves Steady. Prices Choice 87.00-90.00; Good 76.00-86.00; Medium 65.00-75.00; Farm Hfrs. to 104.00; Farm Bulls to 103.00; Light & Weak 52.00 Down. Lambs No Choice offered. Good to 42.50; Medium to 41.50.

STOCKER: Steers 300-500 lbs. Good run, steady price. Choice 57.00-60.00; Good 53.00-56.00; Medium 49.00-52.00; Culls 48.00 Down. Steers 600-850 lbs. Choice 55.00-58.00; Good 50.00-54.00; Medium 49.00 Down. Heifers (All Weights) Choice 49.00-54.00; Good 43.00-48.00; Medium 42.00 Down. Dairy Cows to 600.00. Springing Heifers to 1000.00. Pigs, Hd. Good run, higher prices. 20-30 lbs. 13.00-24.00; 40-60 lbs. 25.00-39.00; Shoats by Lb. to 41.00. Slaughter Hogs \$1.00 higher. 210-230 lbs. 43.50-45.50; 240-260 lbs. 45.00-47.75; 225-260 lbs. 40.00-43.00; 300-400 lbs. 45.00-50.00. Sows 300-550 lbs. 42.00-47.75; Thin Sows 35.00-41.00. Bulls Choice 52.00-55.00; Good 47.00-51.00; Medium 46.00 Down.

New Holland Horse

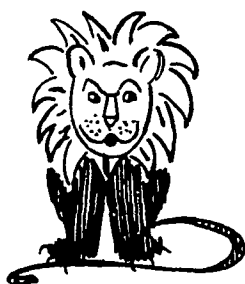
Monday, Dec. 7

New Holland Sales Stables

Report supplied by auction

Reported receipts of 262 head of horses, mules, and ponies. Market: steady.

Better horses 550.00-830.00; Driving horses 350.00-1100.00; Riding horses 325.00-475.00; Lightweight killers 325.00-475.00; Heavyweight killers 525.00-660.00; Mare ponies 15.00-100.00; pony colts 15.00-35.00; Geldings 15.00-100.00; Larger ponies 135.00-225.00.



I'M NOT
LION...

The Classified
Livestock
Section
Has Beastly
Selections!

PIGS

STATE
GRADED SALE

FRIDAY,
DEC. 18
1:30 P.M.

AT
WESTMINSTER
Livestock Auction
Westminster, Md.
Ph. (301) 848-9820



Attention Cage Layer Operators



MELHORN TRUCKING IS NOW EQUIPPED TO

★ LOAD ★ TRUCK ★ UNLOAD
PULLETS WITH OUR NEW DOLLIE EQUIPMENT.

FOR MINIMUM STRESS & TOP EFFICIENCY
Let Us Be Of Service To You!

For More Information Phone:

717-653-1102 or 717-653-2787

Monday - Friday 8 A.M. - 4 P.M.

Ask For Lynn

40 Donegal Springs Rd.

Mt. Joy, PA 17552

Livestock market and auction news

Eighty-Four Auction

Monday, December 7

Report supplied by PDA

CATTLE 443. Compared with last Monday's market, slaughter steers 50 cents to \$1 lower. Slaughter cows 50 cents to \$1 lower. One Choice slaughter steer at 59.00, Good 55.00-57.25, Standard 51.00-55.25, Utility 46.00-51.00. One Good slaughter heifer at 50.00, Standard 45.00-49.00, Utility 40.00-44.00.

UTILITY & Commercial slaughter cows 36.50-38.50, few to 39.50, Commercial No. 4-5 34.50-37.00, Cutters 33.00-36.50, Canner & Low Cutter 25.00-33.00,

Shells down to 18.00. One Good slaughter bullocks at 49.00, few Standard 40.00-42.50. Yield Grade #1 1400-2000 lbs. slaughter bulls 46.00-54.00; one yield grade #2 at 42.00. Medium Frame #1 300-600 lbs. feeder steers 51.00-59.00, Large Frame #2 400-800 lbs. 36.00-41.25; Medium Frame #1 500-700 lbs. feeder heifers 48.00-54.00; Medium Frame #1 350-600 lbs. feeder bulls 47.00-58.00.

CALVES 338. Vealers grading Choice #4 to #5 higher, Standard & Good steady. Choice vealers 93.00-100.00, couple 111.00 and 114.00, Good 76.00-93.00, Standard & Good

110-130 lbs. 60.00-75.00, 90-110 lbs. 50.00-61.00, 60-85 lbs. 42.00-50.00, Utility 32.00-40.00. Farm calves, holstein bulls 90-130 lbs. 74.00-91.00; few holstein heifers 50.00-80.00; slaughter calves grading Good & Choice 250-380 lbs. 48.00-63.00.

HOGS 96. Barrows & gilts \$2 lower. US No. 1-3 210-240 lbs. barrows & gilts 42.00-43.00, one lot 230 lbs. 43.75, few No. 2-3 250-260 lbs. 39.00-39.50, No. 1-3 140-170 lbs. 39.00-40.50. US No. 1-3 400-700 lbs. sows 36.00-44.00, No. 2-3 400-500 lbs. 33.00-37.50. Boars 22.00-32.50.

FEEDER PIGS 80. US No. 1-3 20-30 lbs. feeder pigs 15.00-19.00 per head, No. 1-3 40-60 lbs. 20.00-29.00, Utility 15-20 lbs. 7.00-10.00 per head.

SHEEP 150. Woolled slaughter lambs \$3 to \$4 higher. Choice 80-85 lbs. woolled slaughter lambs 55.50-

56.00, shorn 80-90 lbs. 52.00-55.00, Good 70-85 lbs. 49.00-51.50. Slaughter sheep 10.00-19.00.

GOATS 8. 16.00-28.00 per head.

422 Head. US No. 1-2 30-45 lbs. 55.00-60.00, 50-70 lbs. 50.00-55.00, No. 2 70-90 lbs. 45.00-50.00, No. 3 30-50 lbs. 42.00-50.00, Utility 20-50 lbs.

Peoria Cattle

Thursday, December 10

Report supplied by USDA

Compared to last week slaughter steers mostly 2.00 lower, instances 3.00 lower on consignments largely YG 3-4's. Heifers closed 2.00 lower cows 2.00 to 4.00 lower. Bulls 4.00 to 5.00 lower. The early trade Monday opened slow in reaction to the unstable wholesale beef trade late the previous week. By Midsession buyers where either off the market or bidding sharply lower directly in line with the lower beef trade

and commodity market. Midweek found increase demand and clearance was largely complete. Receipts this week about 3700 as compared to 5093 a week ago and 4200 a year ago.

SLAUGHTER STEERS: Choice, few prime 2-4 1000-1350 lbs. 57.50-60.00, bulk 58.00-58.50 on Wednesday. Several lots and loads mostly 3-4's 56.50-57.50 at midweek. Mixed Good and Choice 2-4 950-1250 lbs. 57.00-58.50. 1100-1350 lbs. Holsteins 50.00-52.00, few 56.00 Monday. Good 53.50-57.00. Few lots Standard and Good 1000-1200 lb. Sl. Holsteins 46.00-50.00.

SLAUGHTER HEIFERS: Choice, including Prime 2-4 950-1050 lbs. 56.00-57.00. Several packages and couple loads 950-1100 lbs. 57.50-58.00 YG 3-4 51.00-54.00. Mixed Good and Choice 2-3 850-1000 lbs. 54.00-56.50 Good 53.00-55.00.

COWS: Utility and Commercial 1-3 late sales 31.00-34.00. Few 35.00-37.00 returning to farms Cutter 30.00-33.00. Canner and Low Cutter 28.00-30.00.

BULLS: YG 1-2 1100-1950 lbs. 38.00-47.00, bulk 38.00-42.00 late.

LEESPORT MARKET & AUCTION, INC.

North end of Leesport, PA

Turn East off Route 61

"WHERE FRIENDS MEET"



**BERKS COUNTY'S ONLY WEEKLY
CATTLE & SWINE AUCTION —
WEDNESDAY AT 1 P.M.**

**FARMER'S MARKET Every Wednesday,
12 NOON TO 9 P.M.**



Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes. Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

PHONE: 215-926-1307

LEROY WEIST & JOHN WEIST, MGRS.

**J.B.
KELLER
& BRO.
DAIRY
COWS**



Mount Joy, Pa. 17552

REGISTERED HOLSTEIN COWS

ARLINDA JET STREAM-TWIN, 2nd calf due 1/12/82 to Valiant son, 2-2, 298, 12,963, 495, 3.8. Dam-86 pt. Double Triune.

NURSELAND ROCKATONE, 79 pt. at two. Fresh 12/4/81 with 2nd calf. Dam 86 pt. Argo Acres Unique, 4-8, 359, 17,830, 735, 4.3.

VALENTINE L MINUTEMAN 85 pt. due 2/14/82 to Shazam 4.8, 366, 23,731, 741, 3.1.

LE-DEL IDEAL SUPERIOR, 1st calf due 3/15/82 to Star Son.

LAWCREST MARVEX-TWIN, 1st calf due 3/15/82 to Star Son. Dam-Ivanhoe Star 5-6, 305, 17,190, 765, 4.6.

SWEET HAVEN LOCHINVAR BOOTS, 1st calf due 2/10/82 to Star Son. Dam-Hilltop Apollo Ivanhoe. 8-11, 364, 19,190, 739, 3.9.

COLDSPRINGS ASTRO BOOTLEG, 1st calf, due 3/10/82 to Star Son. Dam-Sterk Millie Astro-Twin 4-9, 305, 18,449, 695, 3.8.

DUM-BELLE ASTROLINER, 1st calf due 5/27/82 to Boot-Nick. Dam-83 pt. Jet Stream 4-4, 305, 19,426, 715, 3.4. 2nd Dam-Elevation. 3rd Dam-Kingpin.

ROLLING-VALLEY BOOT L CAPITAN, 1st calf due 6/11/82 to Nugget Emblem.

PENMAR APOLLO TOPPER, 1st calf due 7/8/82 to Elevation Tony.

GRADE COWS

6 close springing cows, 2nd and 3rd calf.

OPEN REGISTERED HEIFERS

LAWCREST MARVEX-TWIN, born 1/16/81. Dam-Net Profit 5-6, 305, 16,873, 637, 4.0.

LAWCREST MARVEX-TWIN, born 2/16/81. Dam-Marquis King 4-11, 305, 15,853, 615, 3.5.

LAWCREST MARVEX-TWIN, born 12/19/80. Dam-Jet Stream.

LAWCREST MARVEX-TWIN, born 1/29/81. Dam-8-3, 305, 20,019, 780, 3.9.

COLDSPRINGS ASTRO BOOTLEG, born 8/2/79.

REGISTERED HOLSTEIN BULLS

PACLAMAR BOOTMAKER, born 8/1/80. Dam-Elevation 2-0, 305, 17,300, 678, 3.9.

STRAIGHT-PINE ELEVATION PETE, born 11/5/80. Dam 86 pt. Payday 4-8, 323, 19,208, 724, 3.7.

GLEN-VALLEY STAR, born 1/21/81. Dam-VG 85 Lucky Type Blazer 4-6, 305, 19,119, 757, 3.6.

Transportation and financing available.

STEVE KELLER
717-653-2284

BOB KELLER
717-653-1523
Office: 717-653-4851

FEEDER PIGS FOR SALE

Vet Inspected - Health Charts - Direct from Farrowing operations to your finishing unit on high pressure washed & sanitized truck.

Feed and Management Program
Call us and ask for appointment to discuss ways to help you make more money.



More to Gain.

JOHN H. THOMAS, JR.

Millersville, Pa. 17551 Ph. 717-872-5646
Complete Line of Feeds
Management Program

ANDERSON FERTILIZER

Winter 1981-82 Mixed Fertilizer Price List

Select your fertilizer blend, schedule delivery (within 21 days) or pick up by date shown above price column, lock in that F.O.B. price per ton by date shown.

Prices are F.O.B. Maumee, OH plant

BLEND	Dec. 16 \$/ton	Jan. 6 \$/ton	BLEND	Dec. 16 \$/ton	Jan. 6 \$/ton
10-20-20	171.00	176.00	6-24-26	177.50	182.50
12-24-24	196.00	201.00	*6-18-36	183.50	188.50
12-12-12	147.00	152.00	5-20-20	158.50	163.50
16-16-16	176.50	181.50	*5-10-30	147.50	152.50
19-19-19	200.00	205.00	5-10-10	109.00	114.00
20-10-10	168.50	173.50	*0-10-40	151.50	156.50
*28-13-13	210.00	215.00	*0-15-30	151.75	156.75
8-32-16	193.00	198.00	0-14-42	164.00	169.00
*10-30-10	185.00	190.00	0-26-26	176.00	181.00

STRAIGHT MATERIAL

Blend	Bulk	Bags
Urea 46-0-0	\$192	\$204
TSP 0-46-0	\$181	\$193
Potash 0-0-60	\$131	\$143
Dap 18-46-0	\$221	\$233

* May require minimum order

BULK DISCOUNT AVAILABLE

All prices subject to change without notice

Cash Discount Per Ton For Customer Pick Up At Ohio Plant

*** SPECIAL REBATE PROGRAM ***

Available for customers buying 100 tons or more in 12 months

FERTILIZER SALES

Star Rt. Box 51
Latrobe, PA 15650

CALL TOLL FREE
800-442-6822
412-539-2689

ask for Frank
(answering service late
eves. & Sun.)

THURSDAY, DECEMBER 24

ON THE FARM MONTHLY

BRED GILT SALE

Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head

Now selling our new hybrid gilts representing mostly York & Landrace cross. Bred for easier & less trouble over farrowing.

**Brucellosis Negative Tested
& Pseudorabies Negative Tested.
Health Charts Day of Sale**

Due to farrow 3 days to 4 weeks after sale date. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice.

Local Trucker Available.
No Hogs Sold On Commission.

CHRIST A. BEILER

R.D. 2, Quarryville, Pa

JOHN B. STOLTZFUS

R.D. 1, Kirkwood, Pa

Abe Dffenbach, Auctioneer

NEXT SALE DATE JAN. 22

Livestock market and auction news

THE OLD FARMER'S ALMANAC

DEC. 14-20, 1981
Rigorous cold takes hold.

Write that letter to an old friend now... Napoleon divorced Josephine Dec. 15, 1809... Last quarter of the moon Dec. 18 (Fri)... Average length of days for the week, 9 hours, 5 minutes... First life insurance policy in United States issued Dec. 15, 1792... Shortest days and longest nights now... A wise man changes his mind, a fool never will



Ask the Old Farmer: I've asked all over but nobody seems to know why out-houses have crescent moons on their doors, as opposed to some other shape? F.R., New Albany, Ind.
It is the emblem of the squinted eye of a Peeping Tom adopted by an evil-minded elder.
Home Hints: Withering cut flowers can be revived by putting very hot water in the vase.

OLD FARMER'S WEATHER FORECAST

New England: Mild and rainy, beginning of week, turns cold and cloudy during week's end
Greater New York-New Jersey: Rain to start week, partly cloudy and colder, rest of week.
Middle Atlantic Coastal: Week begins with rain; clearing mid-week with mild temperatures, weekend is cloudy and cool.
Piedmont & Southeast Coastal: Beginning of week is rainy; clear and mild midweek; turning cloudy and cold during weekend.

(All Rights Reserved, Yankee Inc., Dublin, N.H. 03444)

G&M Livestock

Monday, Dec. 7
Duncansville, Pa.

Report supplied by auction

DAIRY COWS: 500.00-1160.00.
STEERS: High Choice and Prime 61.00-64.00; Good to Choice 54.00-60.00; Standard to Good 50.00-54.00; Utility 44.00-50.00.

HEIFERS: High Choice and Prime 60.00-63.20; Good to Choice 52.00-60.00; Standard 46.00-50.00; Utility 40.00-46.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 52.00-58.50.
BULLS: 1100-1842 lbs. 50.00-60.10; 900-1100 lbs. 45.00-54.00.

COWS: High Choice and Prime 40.00-43.75, Couple 55.00-61.00; Good 38.00-40.00; Utility 36.00-38.00; Cutters 32.00-36.00; Cannors Down to 28.00.

CALVES: High Choice 88.00-96.00; Good to Choice 70.00-80.00; Standard to Good 50.00-70.00; Utility Down to 38.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 75.00-97.00; Hol. Heifers 90-120 lbs. 80.00-129.50.

FEEDER PIGS: 15-25 lbs. 12.00-20.00; 25-50 lbs. 20.00-32.00.

HOGS: 200-240 lbs. 41.00-43.85; 170-300 lbs. 39.00-41.00.

SOWS: 37.50-44.75.

BOARS: 35.50-37.50.

LAMBS: 39.00-49.50.

SHEEP: 11.00-26.00.

Lancaster Feeder Cattle

Friday, Dec. 4

Report supplied by USDA

Today 698
Last Friday 238
Last Year 349

TREND: Feeder steers firm to 1.00 higher; feeder heifers and feeder bulls steady. Supply included 308 in graded sale, sold in lots of 10 or more, balance sold mainly in lots of three or less.

FEEDER STEERS: Medium Frame 1: Few lots 595-965 lbs. 58.75-60.00; one lot 1065 lbs. 55.25. Large Frame 1: One lot 860 lbs. 60.00. Medium Frame 1-2: Few lots 690-725 lbs. 55.50-58.00; one lot 850 lbs. 55.00. Large Frame 1-2: One lot 575 lbs. 58.00. Small Frame 1-2: One lot 56.00. Medium and Large Frame 2: One lot 510 lbs. 58.00. Large Frame 2 Holsteins: Several lots 520-840 lbs. 45.60-48.00; one head 10 lot 1060 lbs. 49.35.

FEEDER STEERS AND FEEDER BULLS: Medium Frame 1: One lot 480 lbs. 58.00. Large Frame 1: One lot 435 lbs. 63.25. Small and Medium Frame 1: Couple lots 390-420 lbs. 58.75-61.25.

FEEDER HEIFERS: Medium Frame 1: Couple lots 400-460 lbs. 46.75-47.50. Large Frame 1: One lot 420 lbs. 43.25. Medium and Large Frame 1: One lot 655 lbs. 47.00. Small and Medium Frame 1: Couple lots 380-410 lbs. 48.75-50.25.

FEEDER BULLS: Medium Frame 1: One lot 425 lbs. 49.60 and one lot 850 lbs. 48.00.

Central U.S. Carlot

Wednesday, Dec. 9

Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and heifer beef generally steady. Demand and trading moderate, supplies moderate. The boxed beef carcass cutout value declined \$.64 to an estimated \$98.38 per cwt. Sales reported on 98 loads of steer and heifer beef.

STEER BEEF

68 Loads

FOB Omaha Basis

Choice 3: 600-900 lbs. 93.00, steady.

Choice 4: 600-900 lbs. 83.00-84.00, mostly 83.00, steady.

Choice 5: 600-900 lbs. 79.00.

Good 2-3: 600-900 lbs. 92.00.

Choice 2-3: 600-900 lbs. 88.00 (Hols type).

Good 2-3: 600-900 lbs. 86.00 (Hols type).

FOB Amarillo Basis

Choice 3: 600-700 lbs. 95.50-97.50.

Choice 2: 600-700 lbs. 96.50-99.50.

Choice 4: 600-900 lbs. 85.50-86.50 (West).

Good 2-3: 600-900 lbs. 92.00.

HEIFER BEEF

30 Loads

FOB Omaha Basis

Choice 3: 550-700 lbs. 92.00, steady.

Choice 4: 500-700 lbs. 83.00-84.00, mostly 83.00, steady.

Choice 5: 500-700 lbs. 79.00.

Good 2-3: 550-700 lbs. 88.00-89.00.

Good 2-3: 500-550 lbs. 88.00.

Good 2-3: 400-500 lbs. 87.00.

FOB Amarillo Basis

Choice 4: 500-700 lbs. 85.50-86.50 (West).

Cow beef 1.00-3.00 lower. Demand moderate, supplies heavy.

COW BEEF

35 Loads

FOB Amarillo Basis

Brkg Utility 3-4: 450/up lbs. 65.50 (West).

Brkg Utility 3-4: 450/up lbs. 61.00 (Midwest).

Bng Utility 1-2: 400/up lbs. 67.50 (West).

Cnr & Cutter 1-2: 350/up lbs. 69.00-70.00 (Midwest).

Cnr & Cutter 1-2: 350/up lbs. 68.50 (West).

BULL BEEF

1 Load

FOB Omaha Basis

Bull 1-2: 500/up lbs. 82.50.

PRIMAL BEEF CUTS

6 Loads

FOB Omaha Basis

HINDS (H): 120-170 lbs. 101.00-102.00.

FORES: 130-210 lbs. 84.50.

SHORT PLATES: 53.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS

FOB Omaha Basis

90% chem lean fresh 100.00.
85% chem lean fresh 95.50.

75% chem lean fresh 81.00.

50% chem lean fresh 44.00-46.00, mostly 45.00.

50% chem lean fresh 47.00 boxed.

Compared to Tuesday's 4:00 report: Fresh pork loins 14-17 lbs.

1.50-2.00 higher; 17-22 lbs. steady to .50 higher, 22/up lbs. steady to mostly 3.25 lower. Picnics steady to .50 higher. Boston Butts 4-8 lbs.

firm. Spareribs 3.5-5.5 lbs. steady. Fresh hams steady to 3.00 higher, instances 17-20 lbs. 4.00-5.00 higher.

Sdls bellies steady to .50 higher. 42% and 72% trimmings 1.75-2.00 lower. Trading active. Demand moderate to good. Sales reported on 77 1/2 loads plus 20 1/2 loads of trimmings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 83.50; 14-17 lbs. 82.50, 1.50-2.00 higher; 14-17 lbs. 82.50-84.00 frozen, bulk 82.50; 17-22 lbs. 80.00-80.50, steady-.50 higher; 22/up lbs. 74.75, pt ld 78.00, stdy-mstly 3.25 lwr.

PICNICS: 4-8 lbs. 46.50, .50 higher; 8/up lbs. 40.00, steady.

BOSTON BUTTS: 4-8 lbs. 65.00 frozen; 4-8 lbs. 65.00 fresh, firm.

SPARERIBS: 3.5/dn lbs. 85.50 frozen; 3.5-5.5 lbs. 73.50 frozen, steady.

SKINNED HAMS: 14-17 lbs. 95.00, steady; 17-20 lbs. 77.00 frozen; 17-20 lbs. 82.25-mostly 85.00, load late 87.00, 2.00-3.00 higher than late Tuesday, inst. 4.00-5.00 up; 20-26 lbs. 66.00 frozen; 20-26 lbs. 75.00, 1.00-1.50 higher; 26-34 lbs. 75.00.

BELLIES, SDLS: 12-14 lbs. 47.00 steady; 14-16 lbs. 47.00-47.50; 16-18 lbs. 45.50, .50 higher; 16-18 lbs. 42.00; 18-20 lbs. 42.00; 20-25 lbs. 41.00.

SKINLESS BELLIES: 11-13 lbs. 55.00.

PORK TRIMMINGS

BONELESS PROCESSING PORK (Chemical Lean)

42% lean trimmings fresh 32.00, 1.75 lower.

42% lean trimmings frozen 34.00.

72% lean trimmings fresh 67.00, 2.00 lower.

72% bnls picnics fresh 67.00-69.00.

Skinned Jowls fresh 30.00.

Skinned Jowls frozen 30.00-mostly 32.00.

New Wilmington Auction

New Wilmington, Pa.

Monday, Dec. 7

Report supplied by PDA

CATTLE 385. Compared with last Monday's market, slaughter cows 50 cents to \$1 lower. Choice slaughter steers 58.00-60.50, Good 53.00-58.25, Standard 48.00-53.50, few Utility 39.50-45.00. Few Good & Choice slaughter heifers 53.00-57.25, Standard 38.50-47.00, Utility 36.50-39.00. Utility & Commercial

slaughter cows 36.00-40.75, one at 43.50, Commercial No. 4-5 33.00-36.25, Cutters 34.00-38.00, Canner & Low Cutter 25.00-34.25, Shells down to 20.00. Few Standard slaughter bullocks 44.50-45.00. Yield Grade #1 1105-1555 lbs. slaughter bulls 45.00-48.75, few 52.00-55.00; few yield grade #2 945-1010 lbs. 38.00-42.75. Few Medium Frame #1 350-430 lbs. feeder steers 59.00-62.00, 450-650 lbs. 47.00-53.00; Medium Frame #1 425-650 lbs. feeder heifers 39.50-47.50.

CALVES 340. Vealers grading Good & Choice \$5 to \$10 higher, Standard steady. Couple Prime vealers 105.00 and 106.00, Choice 92.00-99.00, Good 78.00-92.00, Standard & Good 90-125 lbs. 45.00-60.00, 65-85 lbs. 35.00-45.00, Utility 50-80 lbs. 20.00-25.00. Farm calves, holstein bulls 95-135 lbs. 54.00-76.00; holstein heifers 70-110 lbs. 46.00-70.00.

HOGS 583. Barrows & gilts 50 cents to \$1 lower. US No. 1-2 210-245 lbs. barrows & gilts 42.40-43.00, few to 45.25, No. 1-3 200-250 lbs. 41.50-42.60, No. 2-3 200-305 lbs. 39.50-41.50, No. 1-3 160-195 lbs. 39.30-43.25. Sows unevenly steady. US No. 1-3 280-615 lbs. sows 38.00-46.00, No. 2-3 300-310 lbs. 30.00-40.00. Boars 28.00-33.00.

FEEDER PIGS 84. US No. 1-3 20-35 lbs. feeder pigs 15.00-22.00 per head, No. 1-3 35-45 lbs. 20.00-25.00 per head.

SHEEP 128. Choice 70-105 lbs. woolled slaughter lambs 47.00-59.50, Good 60-95 lbs. 35.00-44.00. Slaughter ewes 18.00-36.00.

Valley Livestock

Valley Stockyards
Athens, Pa.

Monday, Dec. 7

Report supplied by auction

Reported receipts of 348 calves, 131 cows, 31 bulls, 44 heifers, 25 steers, 90 hogs, 21 lambs, 6 sheep. Cattle market steady, calf market real good.

Holstein Heifer Calves to 127.50; Veal Calves, to 91.00; Bobs, 90-110 lbs. 55.00-96.00; Bobs, 80 and down 46.00-52.00; Grassers & Feeders 34.00-50.00; Lambs 32.00-51.00; Sheep 12.00-25.00; Hogs, 200-250 lbs. 39.00-43.50; Sows 38.00-44.50; Boars 32.50-37.00; Pigs 8.00-30.00; Heifers 36.00-43.25; Steers 48.00-51.00; Steers, feeder 46.00-51.00; Bulls 38.50-46.00; Cows, utility 37.00-40.25; Cows, fat 36.00-38.00; Cows, medium 32.00-34.00; Cows, poor or small 25.00-31.00; Horses small to 260.00; Ponies none; Goats to 45.00.

END O' RAT



KILLS RATS and MICE

End O' Rat Co.

Rd 1 Box 668
New Holland, Pa.
17557
717-354-2340

Set the standards.



SIZES B-EE

6 1/2-14

Red Wings

BOOKS

SHOE SERVICE

107 E. STATE ST.

QUARRYVILLE, PA

717-786-2795

CLOSED WEDNESDAYS

ONE STEP TRANSIT

RAY R. HARBOLD

R R 1 • Hershey, Pennsylvania 17033 • 717-964-2248

Providing expert care and cleanliness for your cattle by either goose-neck or tractor-trailer trucking

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

LOCALLY or NATIONWIDE

NEW HOLLAND SALES STABLES, Inc.

12 Miles East of Lancaster
on Route 23, New Holland, Penna.

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY

Sale to Start at 1:30 P.M.

We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning

State Graded Until 12 Noon.

All pigs inspected by State Approved Veterinarian.

State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.

Tags delivered if you call 717-354-4341 our office in advance.

Calf Sale To Be Held Every Thursday At 3:30 P.M.

NORMAN KOLB ABE DIFFENBACH

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

717-397-5538 717-393-4464

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 5

Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 54.00-60.00; Medium 49.00-53.75; Plain 48.00 and down; Good Heavy Steers 53.00-58.50; Medium 48.00-52.75; Plain 47.00 and down; Holsteir Steers 42.00-46.75; Good Light Heifer Calves 46.00-51.50; Medium 41.00-45.75; Plain 40.00 and down; Good Heavy Heifers 46.00-51.50; Medium 41.00-45.75; Plain 40.00 and down; Slaughter Cows 37.00-42.50; Utilities 31.00-36.75; Cutters & Canners 30.00 and down; Milk & Stock Cows 55.00 and down; Stock Bulls 57.00-53.50; Slaughter Bulls 41.50-48.75.

CALVES: Veal Calves 79.00 and down; Baby Calves 79.00 and down.

SHEEP & LAMBS: Choice Blue

O 49.35; Good Red O 45.00; Feeder Lambs 44.00-46.75; Slaughter Ewes 13.00 and down.
HOGS: Top 42.00; Heavy 39.00; Sows 31.00-39.50; Boars 31.00-32.50; Butcher Hogs 41.00 and down.

Chambersburg Auction

Chambersburg, PA
Thursday, December 10

Report supplied by PDA

CATTLE: 449. Compared with last Thursday's market: Slaughter steers 50-3.00 lower; Sl. cows 1.50-3.00 lower. Sl. steers: Choice No. 2-4, 950-1230 lbs. 57.85-60.00 couple 61.75; Good 53.75-58.85; Standard 48.00-54.75. Sl. heifers: few Choice 55.00-60.85; few Good 53.50-56.25; few Standard 50.00-52.00. Sl. cows: Utility & Commercial 34.50-38.50 few 39.60; Cutters 33.50-36.75; Canner & L. Cutter 30.00-34.00; Shells down to 25.00. Sl. bullocks few Good 49.00-53.25. Sl. bulls: few Yield Grade No. 1, 1090-1680 lbs. 45.75-50.50.

CALVES: 675. Vealers mostly steady to 3.00 lower. Couple Prime 102.00 & 103.00; Choice 80.00-97.00; Good 65.00-82.00, few Standard & Good 100-115 lbs. 60.00-65.00; 70-100 lbs. 51.00-57.00; Utility 50-85 lbs. 38.00-50.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 56.00-103.00, mostly 65.00-90.00; Hol. Heifers 85-150 lbs. 57.00-120.00.

HOGS: 68 Barrows and gilts 1.00 lower, few lots US No. 1-2 230-245 lbs. 42.00-42.50 No. 1-3 230-240 lbs. 38.85-41.75. Sows few US No. 1-3 300-635 lbs. 34.00-38.00.

FEEDER PIGS: 64 US No. 1-3 25-40 lbs. 25.00-29.50 per head.

SHEEP: 10. Woolled sl. lambs (one lot) choice 80 lbs. at 50.00.

GOATS: 5.

East Coast Carlot

Wednesday, Dec. 9

Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal not established. Good and Choice boning veal generally steady. Early sales of boneless beef not fully established, undertone weak.

VEAL CARCASS
Prime (Special Fed)
HIDE-ON

180-240 lbs. few 175.00.

WANTED

Laying Hen Contracts
50,000 Bird Capacity or More

Reply:

Lancaster Farming
P.O. Box 366 J-203
Lititz, PA 17543

BONING TYPE HIDE-ON

Good & Choice

Northeastern Suppliers: All generally steady, 65-75 lbs. 78.00-83.00, bulk 80.00-81.00; 55-64 lbs. 76.00-81.00, bulk 78.00-79.00; 45-54 lbs. 74.00-79.00, bulk 76.00-77.00; 35-44 lbs. 72.00-77.00, bulk 74.00-75.00; 34 lbs. down 70.00-75.00, bulk 72.00-73.00.

Inshipped: No sales reported.

BONELESS BEEF

3 Loads

90 pct chem lean fresh 105.50.
85 pct chem lean fresh 103.00, late yesterday.

BEEF TRIMMINGS

4 Loads

50 pct chem lean fresh 50.50.

CURED AND PROCESSED MEATS

7 Loads

Semi-Boneless Hams: 14-17 lbs. 117.50 firm.

No. 1 Sliced Bacon, Vacuum Pack 1 lb. pkg. 106.00 steady.

Franks, 70 beef/30 pork, 1 lb. pack 85.00 steady.

Dewart Auction

Dewart, Pa.

Monday, December 7

Report supplied by PDA

CATTLE: 207. Compared with last Monday's market, slaughter cows mostly steady to \$1 lower. Few Low Choice slaughter steers 59.35-61.50, Good 53.50-59.00, Standard 48.25-53.00. Few Choice slaughter heifers 54.00-57.50, few Good 52.00-55.50. Utility & Commercial slaughter cows 36.75-40.50, few to 41.75. Cutters 33.50-37.50, Shells down to 25.00. Few Yield Grade #1 1000-1850 lbs. slaughter bulls 48.25-56.00. Large Frame #2 450-725 lbs. feeder steers 48.00-53.00.

CALVES: 267. Choice vealers 94.00-104.00, Standard & Good 70-100 lbs. 55.00-59.00, Utility 60-85 lbs. 45.00-50.00. Farm calves, holstein bulls 85-130 lbs. 57.00-96.00, couple to 104.00; few holstein heifers 75-105 lbs. 58.00-104.00.

HOGS: 340. Barrows & gilts 75 cents to \$1 lower. US No. 1-2 200-240 lbs. barrows & gilts 43.60-44.50, one lot 45.00, No. 1-3 210-250 lbs. 42.25-43.50, No. 2-3 240-295 lbs. 39.20-42.80. US No. 1-3 275-575 lbs. sows 35.75-37.50, one at 41.00. Few Boars 30.00-34.00.

FEEDER PIGS: 285. US No. 1-3 20-35 lbs. feeder pigs 15.00-30.50 per head, No. 1-3 35-50 lbs. 26.00-34.00, No. 1-3 55-75 lbs. 35.00-38.00 per head.

SHEEP: 45. Choice 80-110 lbs. woolled slaughter lambs 45.00-53.00, couple to 56.50, Good 70-90 lbs. 40.00-46.00.

New Holland Dairy

New Holland, Pa.
Wednesday, Dec. 9

Report supplied by auction

Reported receipts of 118 cows, 164 heifers, and 11 bulls. Market steady.

Load of N.Y. fresh cows, 1175.00-1675.00, springers 910.00-1325.00; Load of Pa. fresh cows, 740.00-1080.00; Load of Pa. fresh cows, 880.00-1170.00; Load of Pa. first-calf heifers, fresh cows, 690.00-1190.00.

Herd of 45 head, all stages 360.00-1025.00.

Locally consigned cows 450.00-1290.00; Springing heifers 550.00-1285.00; Open Heifers 340.00-575.00; Bulls 310.00-620.00.

Lancaster Co. Weekly

(Continued from Page A2)

96.00-106.00; high Good and low Choice 140-250 lbs. 65.00-85.00 few 85.00-90.00, 120-140 lbs. 55.00-65.00, 80-115 lbs. 40.00-55.00, 60-80 lbs. 27.00-40.00.

RETURNED TO FARM: Around 75 head 90-115 lb. holstein heifers 125.00-149.00, bulk 80-100 lbs. 51.00-90.00, bulk 100-115 lb. holstein bulls 80.00-87.00 few 87.00-98.00 several 85-100 lbs. 54.00-85.00.

Omaha Cattle

Thursday, December 10

Report supplied by USDA

Through midweek, steers 2.00-2.50 lower, heifers mostly 2.00 off. Cows 5.50-6.50, instances 7.00 lower. Bulls 3.00-4.00 lower.

Liberal early week receipts and lower dressed trade combined to bear down on the steer and heifer market with some slight recovery at midweek on curtailed receipts. Dressed cow beef continued to trend lower this week. Slaughter steers 42 pct. of the estimated five day total, heifers 32 pct. with Choice continuing in liberal volume. Some cattle carried small to moderate amounts of mud. Cows 8 pct. Feeders 16 pct.

STEERS: At midweek, one load Choice 3 1025 lbs. 60.50. Four loads and part load Choice, some Prime 3, few 4 1198-1220 lbs. 60.00. Choice 2-4 1050-1250 lbs. 58.50-59.50, mostly 59.00-59.50. At low time Tuesday, Choice and Prime 3-4 1150-1350 lbs. 56.50-58.50, large percentage 4 1250-1350 lbs. included 56.50-57.00. Mixed Good and Choice 2-3 1050-1200 lbs. 58.00-59.00, mainly 58.50-59.00 at midweek. Good 2-3 36.00-58.50, Good and Choice 2-3 1200-1350 lbs. holsteins 53.00-54.75, Good 52.00-53.00.

HEIFERS: Two loads Choice, end of Prime 3, few 4 1000 lbs. 58.25. Choice including Prime 900-1100 lbs. 56.50-58.00, 3-4 1000-1100 lbs. 56.00-57.50, some large percentage 4 1050-1150 lbs. 54.00-56.00. Mixed Good and Choice 2-3 875-1000 lbs. 55.00-56.50. Good 53.00-55.00.

Average of detailed quotations for Choice 900-1100 lbs. steers 59.22; 1100-1300 lbs. 59.50, Average cost steers 59.14, average weight 1167 lbs. compared 60.64 and 1189 lbs. a week ago. Average cost heifers 57.17, average weight 1021 lbs. compared 58.47 and 1049 lbs. a week ago.

COWS: High-Cutter, Utility and Commercial 1-2 32.00-34.00, few High-Dressing 34.00-35.00. Cutter 102 29.00-32.00, Canner and low Cutter 25.00-29.00.

BULLS: 1-2 1100-1800 lbs. 40.00-44.00, few High-Dressing 44.00-45.50, Low-Dressing 39.00-40.00.

St. Louis Sheep

Thursday, December 10

Report supplied by USDA

Receipts about 450 head slaughter lambs uneven, limited early sales steady to firm, later generally steady to weak, instances 1.00 lower. Feeder lambs steady to 2.00 lower in a limited price test.

SLAUGHTER LAMBS: Choice and Prime 105-129 lb. Woolled and Shorn with No. 1-2 pelts 47.00-50.00. Scattered lots Choice 85-115 lbs. 42.00-45.50.

FEEDER LAMBS: Small lots Choice and Fancy 60-85 lbs. 40.00-44.00.

WEEKLY SALE

HAY — STRAW
SMALL GRAIN
EAR CORN

Every Monday 12:00 Noon Sharp!
Located at
Dewart Livestock Auction
Dewart, PA

For Further Information Contact:

H.N. Mylin or George N. Deitrick
717-568-7271 or 717-568-5454

For top corn yields
this year!

UNIPEL

21-7-14

fertilizer!!

It meets the changing needs of most soils and supplies the ratio of Nitrogen, Phosphate and Potash...to maintain a favorable plant-nutrient balance for top grain and forage production.

Pelleted UNIPEL 21-7-14 is an ideal fertilizer for the grower who wants a Uniform Single Application of a complete fertilizer on corn in Spring or Fall. It's especially good for programming high yield corn for grain, or for silage, and for corn/soybean rotations.



ORTHO
FERTILIZERS

Helping the World Grow Better

Let's talk about it.
Come in and see us soon.



P. L. ROHRER & BRO., INC.

SMOKETOWN, PA

PH: 717-299-2571

TM's. ORTHO, CHEVRON and design, UNIPEL, Reg. U.S. Pat. Off. CHV 578 8B

WHEN IT COMES TO...
FIRE
DON'T PLAY AROUND!



Off the Sounding Board

By Sheila Miller, Editor

T.V. turns on viewers to junk food

Is our society getting hooked on television to the point where that 20-inch screen takes technicolor control of our thoughts and minds?

If you'd ask my mother, she'd give you an emphatic "yes, indeed." This woman who has been the wife of my father for 34 years, has been sharing him with another "love" — the T.V. set — for about 33 and 7/8ths years.

I'm sure she's not the only one who lives with a T.V. addict — someone who switches on the electronic link to the outside world and sits with a trance-like gaze fixed on the screen, totally oblivious to doorbells, beckoning telephones, and conversation-starved wives.

To some degree, most of us are tuned into the 'escape box' that brings us news of far away places, a glimpse at the lives of exciting people, and occasionally an educational insight into outer space or the undersea world. It offers us a chance to just watch and listen as our eyes and ears pick up the 'picture' with hardly any effort or imagination required.

People who don't watch or even own a television are undoubtedly in the minority today. Perhaps they're the lucky ones — tuning into their lives instead of the 'tube.'

Just how strong a hold does television have on our society? One cable-television advocate has gone on record recently stating that there no longer will be the need for newspapers within the next ten years.

Imagine the brief, somewhat-biased news reporting that this would provide. Public information would be dissipated by 15-second segments on two-hour news programs — with views and subject selections being made for the people by two or three networks.

Local, state, national, and even international news would be broadcast through the air and through cable telephone wires. There'd be no chance for 're-reading' a complicated report — that is, not unless they begin instant replays of the news, or unless every home is equipped with a video recorder.

I guess that's not as far-fetched as it sounds today — considering the electronic gadgetry scientists are developing. Why, even now, television telephones are being advertised. (Just pick up your set and dial!) Don't ask me how, but now you can watch Laverne and Shirley and talk to your mother-in-law at the same time.

With news being made available at the touch of a button, people will be able to forget about reading. In our fast paced society, a turn of the dial will let people eat dinner, bake a pie, or

even drive a truck while listening to and glancing at the 'tube.'

Because of the appetite the American public has for television, some groups have expressed concern over the T.V.-habit's influence on what people eat. A recent study revealed that Americans spend more time watching television than doing anything else except sleeping.

During those hours in front of the T.V., people receive cues about eating and drinking on an average of nine times per hour, the report reveals. But that 'food for thought' generally suggests a snack (39 percent of all eating/drinking episodes). It gets worse during weekend daytime children's programs as these impressionable viewers are bombarded with the message to snack in 45 percent of the eating scenes with regular meals declining to 24 percent and other meals making up the rest.

And what are these T.V. idols drinking — alcoholic beverages for the most part, with coffee and tea coming in next. No wonder the dairy producers are decrying milk's underconsumption.

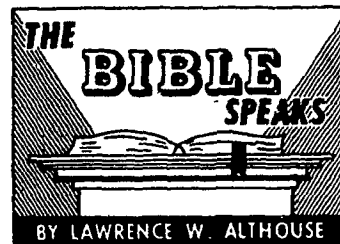
And commercials fall right in line with prime time programs they sponsor — sweets and junk food make up almost half the food commercials, with nutritious foods being advertised in only 9 percent.

This type of information, drummed into people's relaxing minds 365 days a year, and on the average about 5 hours per day, obviously has a brain-washing effect.

"You deserve a break today," "Bet you can't eat just one," "Melts in your mouth, not in your hand," "Good to the last drop," and "I'd like to teach the world to sing in perfect harmony" are jingles that have worked their ways into our subconscious minds. All of them promoting their junk food to the public in picturesque scenes showing 'beautiful people, places, and things'. Who could refuse such an inviting appeal?

Well, thanks to groups like the National Dairy Council, the United Dairy Industry Association, the Pork Producers Council, and the United Egg Board, this onslaught of snack food propaganda is being countered with messages about the nutritious qualities of milk, eggs, and meat.

It's about time we let everybody know that these are the 'real things'. Since T.V. seems to be here to stay, let's use it to our advantage.



HUMAN-PLUS December 13, 1981

Background Scripture:

Matthew 8:18-22; 9:1-8;
Mark 8:31-33; 14:61-65

Devotional Reading:

Matthew 3:1-12.

We've noted some of the titles by which Christians refer to Jesus. But have you ever stopped to think about the one title Jesus almost always used in reference to himself?

Although Jesus permitted his disciples to call him Christ, the Messiah, even the Son of God, he never once said "I am..." any of these. Neither did he say "I am the Son of man," but, according to the Gospel accounts, there are many times when he refers to himself in the third person with that title. For example, in Matthew 9:1-8, when the scribes have rebuked him for forgiving the paralytic, Jesus says: "...that you may know that the Son of man has authority on earth to forgive sins," and proceeded to heal the man. Later, when the high priest asks him: "Are you the Christ, the Son of the Blessed?", Jesus replies: "I am; and you will see the Son of man sitting at the right hand of Power..." (Mark 14:61,62).

The Son of Man

So, "the Son of man" was the one title that Jesus used in referring to himself. Why this title and what does it mean?

Once again, it is a title that

defies a clear definition. Essentially it was a term that meant "a man," a "human being." It seems then, that at least one reason Jesus used it was to emphasize his humanity.

This is evident in Matthew 8:18-22 when Jesus says, "Foxes have holes, and birds of the air have nests; but the Son of man has nowhere to lay his head." His use of the term here indicates not only his humanity, but his humility. Later, at Caesarea Philippi after Peter has confessed him as "the Christ," Mark tells us: "he began to teach them that the Son of man must suffer many things, and be rejected by the elders and the chief priests and the scribes, and be killed..." (8:31). This is another indication of his vulnerability as a human being. Jesus as the Son of man shares our humanity and knows our feelings of frustration, powerlessness, and inadequacy. When he referred to himself as the Son of man, he said, in effect, "I am one with you."

The Right Hand of Power

There was also, however, another meaning that came to be attached to the term "Son of man." In the literature of the times the "Son of man" was anticipated as one who would be elevated to become the judge of all humanity. A human being, it was believed, would become or be something more than human or perhaps would lift humanity to a new level. Thus Jesus could say to the high priest, "You will see the Son of man sitting at the right hand of Power, and coming with the clouds of heaven" (Mark 14:62). The humble human being would be glorified by the power of God.

Someone has said, "Jesus became what we are so that we might be what he is." In Jesus the Son of man we see what God intends for humanity to be.

Farm Calendar

Today, Dec. 12

York County 4-H winter dance, 7:30-10:30 p.m. 4-H Center.

Tuesday, Dec. 15

Bradford County, Sayre Hospitality House meeting on "Nutritious Eating for the Holidays" 12:30 p.m., Canton Hospitality House. Continues Wednesday.

Franklin County Conservation District, 7:30 p.m., County Administration Bldg., Chambersburg.

Wednesday, Dec. 16

South Central Dairy Goat meeting, 7 p.m., Adams County Extension Office.

York Pruning meeting for Commercial Fruit Growers, 1:30 p.m., Goodings Fruit Farm, Loganville.

Red Rose Alliance, 7:30 p.m., New Holland Fire Hall.

Hunterdon County Ag

Development Board, 8 p.m., County Library.

Centre County DHIA annual meeting, Logan Grange Hall, Pleasant Gap.

Thursday, Dec. 17

Cellulose Conversion Seminar, alcohol fuel workshop, Wilson College, Chambersburg, continues through Saturday.

Lebanon ASCS, 10 a.m., Heisey's Diner, Rt. 72, Lebanon.

Classification barn meeting, Chester County Holstein Club, 7:30 p.m., Don Hostetters farm.

Manor Young Farmers, 7:30 p.m., Glenn Burkholder farm, Prospect Rd., north of Rt. 999.

Pa. Seedmen's Assoc. annual meeting, 10 a.m.-4 p.m., Treadway Inn, Lancaster.

Seed, fertilizer dealers' meeting, 6:45 p.m., Union Hotel, Hunterdon County, N.J.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851



To Exercise Breeding Animals

Many farm animals are kept in close quarters during the winter months. This may work well with animals being fattened for market, but is not the best practice for breeding animals. The flock of breeding ewes should have access to an exercise lot daily; there will be less trouble with paralysis in the ewe flock and stronger lambs born if daily exercise is practiced.

When the ground becomes frozen or snow covered, some shepherds will feed hay on the ground out in the exercise lot in order to force the ewes to exercise. Dairy cows need outside exercise to maintain good feet and legs, and to provide opportunity for heat detection. Brood mares need the same daily exercise, if they are to remain in the best of health.

To Consider Forage Testing

Are you using the Penn State Forage Testing Service and the feeding suggestions offered? Many local dairymen and livestock producers utilize this testing service. The people that use the service tell us that the results and feeding recommendations they receive, far out-weigh the \$18 cost of the testing kit. We're at the beginning of the winter feeding period and suggest that producers get their hay and silage tested. This is the best way to learn the true feeding value of these forage crops. With top quality hay and silage, money can be saved by using less commercial protein in the mix. Details of this testing service and the recommendations are available at any Extension Office in the state.

To Review Partnership Agreements

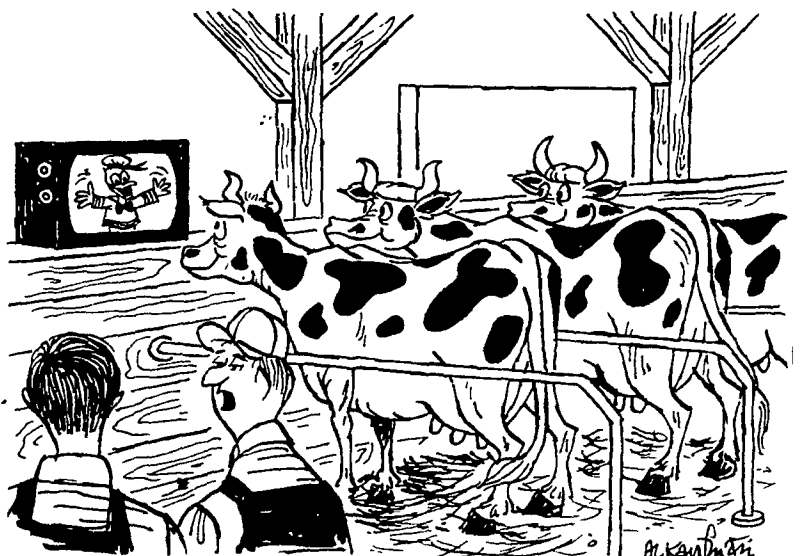
There are a number of advantages to setting-up farm partnerships, but an annual review of the agreement and its meaningfulness in relation to current needs is essential.

Once a farm partnership is established, the agreement should be reviewed at least once a year. This should be done for two reasons. First, to see how well each of the partners is meeting their obligations...and secondly, to carefully evaluate the agreement to see if it is doing its intended job.

Then, too, farming is a rapidly changing business. So don't be surprised if the agreement you set up just a couple of years ago isn't

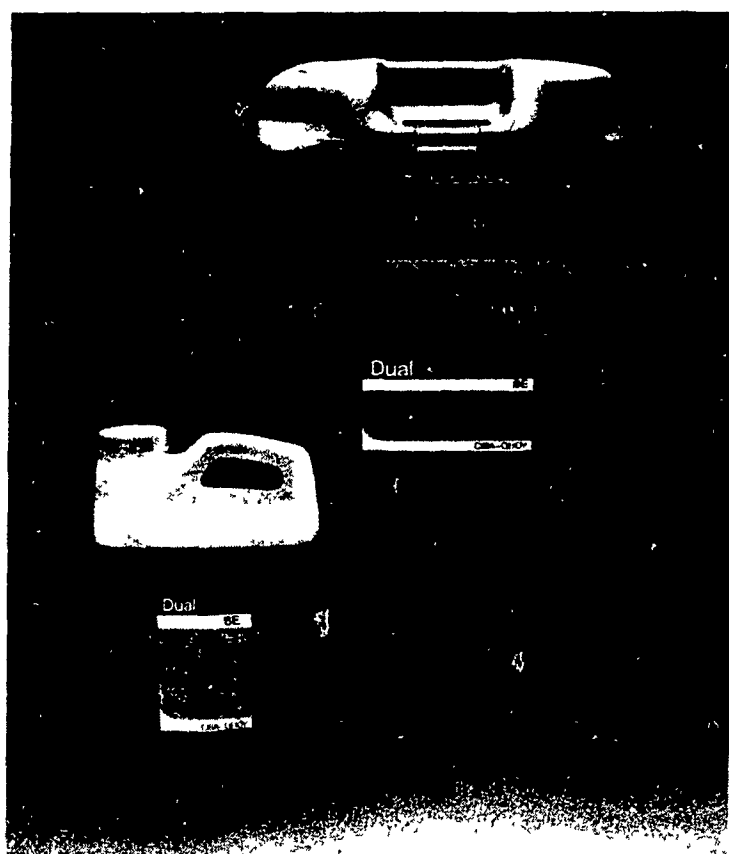
(Turn to Page A12)

HAY HAWS



"I liked the good old days when we could keep 'em contented by just playing a little music."

The Dual 60-Plus Rebate.



**Buy 60 gallons or more of Dual and get \$1.00 back
on every gallon you buy.**

Take advantage of the 60-Plus rebate on Dual[®] in 2½ gallon jugs, 30 gallon drums or a Farm-PakSM mini-bulk system.

See your dealer for details and put cash in your

pocket this year. Offer good for all purchases between November 1, 1981 and May 28, 1982.

Ciba-Geigy, General Services Dept., Box 11422,
Greensboro, N.C. 27409

OUR READERS WRITE, AND OTHER OPINIONS

In search of the REAL thing

The United Dairy Industry Association notes that each dairy product has a specified identity that conforms to federal and state standards. And only products that conform can carry the "REAL" Seal trademark.

The Seal, a symbolic drop of milk enclosing the word "REAL," can only appear on genuine dairy foods produced in the United States.

Butter, which was defined by an act of Congress, has its A and B grades; Cheddar cheese, cottage cheese and instant nonfat dry milk have specific marks of quality as established by the U.S. Department of Agriculture.

Thus, American consumers of dairy foods get the value they pay for and the product they expect to get. No surprises.

But it wasn't always that way.

In the post-caveman era, standards were set by the size of the chief's hand or foot. That was bad enough, but it also limited commerce because a foot was not the same length in each village.

Relics from the Egyptian period show pyramid builders checking their rulers against the Royal Cubit, a measure of the pharaoh's arm from finger tips to elbow that was traced on black marble. This is the first recorded effort to develop a standard measure, which was still related to the tradition of using the foot of their leader.

The Babylonians standardized measures in order to trade with other countries. Then the Greeks borrowed from their predecessors. And the Romans pushed standards throughout the world in step with their conquests. They established one standard foot of 12 inches and a "mile," the forerunner of the present mile, as a thousand two-stride paces of five feet each.

Julius Caesar standardized the calendar and got a month named after him. The Magna Carta in 1215 demanded standard measures for ale, grain and cloth. In 1875, the Treaty of the Metre was signed in France setting up the International Bureau of Weights and Measures.

We contend that many people look for safety standards such as "Approved by Underwriters Laboratory" or they recognize the Good Housekeeping "Seal of Approval." Items made with steel, wool or cotton often carry distinctive symbols indicating materials used in their manufacture.

Now the dairy industry has its "REAL" Seal. That distinctive symbol can be found only on genuine dairy foods certified by American Dairy Association to display the Seal.

We agree it's a long walk from a chief's foot to today's symbols of quality. Hope you enjoyed the trip.

John F. Brookman
Vice President
Communications
UDIA

America's sold short

During the past decade the USA has had various grain embargoes and grain trade agreements that have unilaterally limited and controlled grain exports.

They do not create demand — they control price and actually prevent increase in export volume that would occur in the absence of such agreements. This socialization of the international market place has deprived the USA of a supply-demand market and substantial income to its producers and to the U.S. Treasury.

This intervention in the export grain market provides sales that are below the farmers' cost of production. The subsidy of underpriced grain goes to wealth-

trade competitors — the European Economic Community, Japan, OPEC countries, and the Soviet Union. The subsidy to poor countries destroys their incentive to produce and develop their own agriculture.

A proposal by Congressman Weaver of Oregon would have authorized setting a floor price on grain exports. It was defeated in the U.S. House of Representatives October 20, 1981, and the Reagan Administration refused to support it.

The U.S. Government is fighting producers instead of helping them as the government of Japan does for its producers.

S. Edward Murphy
Hanover

Retaining farmland is preferred

As we drive the highways and by-ways of Hunterdon County, New Jersey taking in the scenery around us, we can't help but be impressed with the beauty of it. To be sure, the wooded areas, the streams and ponds, lakes and rivers, interesting old bridges, quaint villages, well-kept homes, all contribute to the charm of the landscape.

But to many of us, it's the farmland — the rolling fields of crops at various stages of development, even after harvest, the attractive farmsteads, pastures with horses and cattle grazing.

Yes, it is an impressive area. With all its growth, all its development, Hunterdon continues to be one of New Jersey's most desirable counties. A great place to live!

Over the past two years or so,

we've become more and more involved in an on-going search for means by which we might preserve farmland. Some of us prefer the term retain farmland.

In the interim we've experienced two favorable (2:1) votes on farmland preservation bond issues ... at county level in 1980, state level in '81. We now have a County Agriculture Development Board in place and working hard to develop suitable and acceptable programs.

Progress has been steady and good, most of those involved would agree.

We do receive calls requesting information on easement purchases and agricultural districts. So, we know there is interest on the part of many land-owners in these programs.

One of the "facts of life" that was recognized early in the

(Turn to Page A39)

Now is the Time

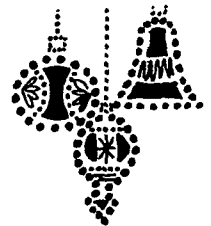
(Continued from Page A10)

entirely adequate to meet the needs of today.

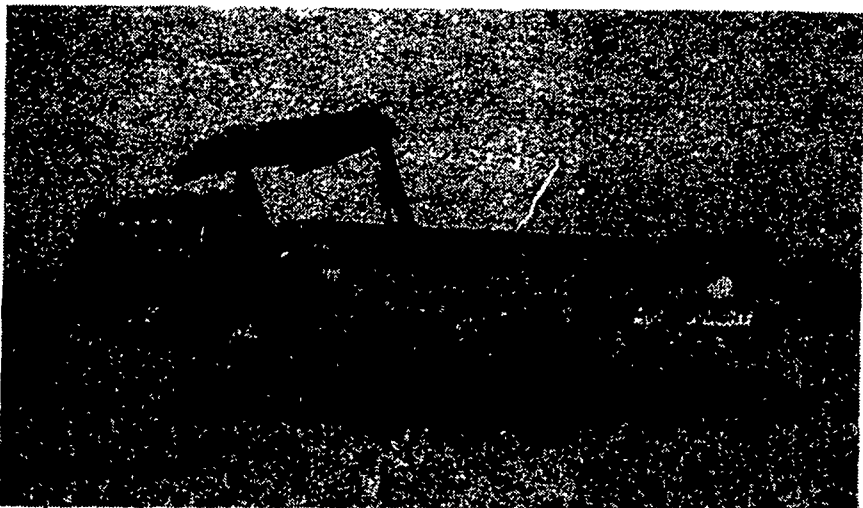
So, review the agreement carefully. If it doesn't quite measure up to current needs, plan to make necessary changes before 1982 rolls around.

To Be Concerned About Our Young Farmers

In the last ten years, the number of young farmers (age 35 and under) increased by more than 50%! According to population studies performed by the Economic Research Service there were 265,000 young farmers in 1970 and 401,000 in 1980. The fact that this trend occurred at a time when the total number of farmers was on the decline makes these figures all the more dramatic. Extension Agent, Glenn Shirk, emphasizes concern for these young farmers, particularly now, because of the rising costs of production and the depressed market situation. These costs are devastating to heavily indebted young farm families — and they are becoming a larger and larger portion of our total farm population. The existence of many young family farm operations is being threatened. At stake, too, is American agriculture in general and its allied industries, as well as production of agricultural products for future consumption and export.



You Can Depend On A KNIGHT Manure Spreader



7 Different Models - Sizes Ranging
from 180 Bushels to 600 Bushels Capacity

FEATURING

- ★ Durable Long Life Construction
- ★ Rust Resistant Copper Bearing Sides And Bottom.
- ★ Heavy Auger Style Beaters With Alloyed Steel "Ripper" Teeth
- ★ Low Profile

DISTRIBUTED
BY:

**TODD FARM
EQUIPMENT, INC.**
HAGERSTOWN, MD. - CHESAPEAKE, VA.

SEE YOUR LOCAL KNIGHT DEALER FOR MORE DETAILS

ARNETT'S GARAGE

Hagerstown, Maryland

B EQUIPMENT, INC.

Waynesboro, Pa.

BENCE'S FARM EQUIPMENT

Bedford, Pa.

BINKLEY & HURST BROS., INC.

Lititz, Pa.

COLUMBIA CROSS ROAD EQUIPMENT, INC.

Columbia Cross Roads, Pa.

D & R EQUIPMENT

Ringoes, NJ

DICKINSON FARM EQUIPMENT

Tunkhannock, Pa.

DILTS EQUIPMENT CO.

Marion Center, Pa.

THE FARMERS STORE

Harmony, Pa.

HOUGHTALING'S GARAGE

Middleburg Center, Pa.

S. JOHNSON HURFF

Monroeville, NJ

J & M MACHINERY CO.

Greensburg, Pa.

KINGS TOWN TRACTOR CO.

Chestertown, Md.

LEBANON VALLEY IMPLEMENT, INC.

Richland, Pa.

LONG, INC.

Reedsville, Pa.

LONGNECKERS, INC.

Williamsburg, Pa.

MONTROSE TRACTOR & EQUIPMENT, INC.

Montrose, Pa.

CLAIR J. MYERS

Thomasville, Pa.

PETERMAN FARM EQUIPMENT, INC.

Carlisle, Pa.

REED BROS. EQUIPMENT

Columbus, NJ

R.E. SMELTZER EQUIPMENT CO., INC.

Centre Hall, Pa.

SOMERSET FARMERS SUPPLY

Somerset, Pa.

STOUFFER BROS. INC.

Chambersburg, Pa.

SWOPE & BASHORE, INC.

Myerstown, Pa.

R.R. WALKER & SONS

Edinboro, Pa.

YOUNG FARM SUPPLY

Orangeville, Pa.

Livestock market and auction news

St. Louis Cattle

Thursday, Dec. 10

Report supplied by USDA

Receipts this week: 7,100;
Week Ago: 6,100;
Year Ago: 6,300;

Compared with the previous week's close, slaughter steers mostly 2.00-3.00 lower. Slaughter heifers through mid-week 1.00-1.50 lower. Cows fully 5.00, instances 6.00 lower. Bulls 4.00-5.00 lower. Slaughter supply mainly Choice and Choice and Prime 2-4 slaughter steers, around 30% heifers and 20% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 57.50-59.25 early, not tested late; 3-4 1125-1280 lbs. 58.50-58.75 early, part load 56.75. Choice 2-4 950-1275 lbs. 56.00-59.00, closing 56.00-58.00; few lots 3-4 1000-1090 lbs. 54.75-55.75 late. Mixed Good and Choice 2-4 900-1225 lbs. 54.00-58.00, closing 54.00-56.00. Good 2-3 900-1175 lbs. 52.00-56.00, few closing sales 52.00-54.00. Mostly Good 2-3 1075-1275 lbs. holsteins 53.00-55.00 early, not tested late. Few Standard to Good 2-3 1080-1350 lbs. late at 45.00-47.00.

SLAUGHTER HEIFERS: Through mid-week: Mixed Choice and Prime 2-4 875-1075 lbs. 56.00-56.60. Choice 2-4 875-1075 lbs. 56.00-56.50. Choice 2-4 800-1050 lbs. 54.50-56.00, most late sales 54.50-55.50. Mixed Good and Choice 2-3 750-1000 lbs. 53.00-55.00. Good 2-3 700-975 lbs. 51.00-53.50.

COWS: Closing week sales: Utility and Commercial 2-4 31.00-33.00. Boring Utility 1-2 33.00-34.00. Cutter 1-2 29.00-32.00. Canner and Low Cutter 1-2 26.00-29.00. Few shelly canner 23.00-26.00.

BULLS: Yield Grade 1-2 1050-1900 lbs. 38.00-48.00, closing sales 38.00-43.00. Yield Grade 1 1300-1700 lbs. 48.00-49.00 early, part load 1170 lbs. 45.50 late.

FEEDERS: (Including around 2,400 at the regular Thursday auction.) Feeder steers and heifers

unevenly 2.00-5.00 lower. Supply mainly Medium Frame 1 and Mixed 1-2 400-900# steers and 350-600# heifers. Buyer attendance fairly large.

FEEDER STEERS: Medium Frame 1: 375-500# 60.00-64.00; 500-600# 58.50-62.75; 600-785# 58.00-61.25; Several lots 810-910# 53.00-57.00. Medium Frame 1-2 and some Small Frame 1: 350-500# 50.00-58.00, mostly 52.75-55.75. Large Frame 2 Holsteins: Scattered lots 425-700# 43.50-46.25.

FEEDER HEIFERS: Medium Frame 1: 350-500# 48.00-52.00; 500-600# 49.75-53.75. Medium Frame 1-2 and some Small Frame 1: 300-600# 41.50-46.50.

BRED COWS: Couple lots Medium Frame 1-2 mostly middle-aged 850-975# in second and third stages of pregnancy 33.00-33.75.

Westminster Livestock Auction

Westminster, Md.

Tuesday, Dec. 8

Report supplied by auction

BUTCHER COWS: Large run, \$1.00 under last week. Few Commercial 40.00-43.00; Standard & Utility 36.00-39.00; Canners 33.00-36.50; Shelly 33.00 Down. Bulls Few good, 1000 lbs. 44.25 & 45.25; Standard 800-1000 lbs. 36.00-40.00; Steers Choice to 59.00; Low Choice & Good 53.00-55.50; Good Holsteins 45.00-49.00; Heifers Choice 53.00-55.50; Good 49.00-53.00; Commercial 43.00-47.00.

BUTCHER HOGS: Light run - Good demand from local butchers. US #1 & 3 215-240 lbs. few 40.50-41.25; 240-260 lbs. 2 lots 44.50-46.50; 270-290 lbs. 41.00-44.00; Few 300-375 lbs. 50.00-55.00. SOWS 300-500 lbs. to 35.30; 500-650 lbs. 33.00-34.00. BOARS 300-400 lbs. 30.00-31.00; 400-650 lbs. to 31.50.

VEAL CALVES: Active! \$2.00 higher. Choice 90.00-99.00; Good 85.00-90.00; Standard 75.00-85.00. Killers 80-100 lbs. 50.00-57.00; Weak & Rough 50.00 Down.

CALVES RETURNED TO FARM: Holstein Heifers few 90-100 lbs. 94.00-115.00; Holstein Bulls 95-120 lbs. 70.00-108.00; Mainly 80.00-100.00.

LAMBS: Few Good & Choice 70-90 lbs. 40.00-43.00.

STOCK CATTLE: Good demand for steers over 700 lbs. Steers No Choice Light wghts, Good 45.00-51.50; Good & Choice 700-950 lbs. 51.00-57.50. Heifers Mostly Good-few Choice 40.00-48.00; Medium 33.00-40.00. Bulls Few 300-500 lbs. Med. to Good 42.00-50.00.

PIGS AND SHOATS: Mainly light weights offered. By the Head 30-40 lbs. 20.00-25.00; By the Lb. 100-160 lbs. 36.00-44.00; St. Boars 200-300 lbs. 28.00-31.00; St. Boars 150-190 lbs. 27.00-35.00.

Carlisle Auction

Carlisle, Pa.

Tuesday, Dec. 8

Report supplied by auction

CATTLE: STEERS: Good 56.25-57.75; Standard 54.25-55.00; Utility 46.75-49.75. **HEIFERS:** Good 59.25; Standard 55.50-56.75; Utility 44.25-48.50. **COWS:** Utility & Commercial 38.25-40.75; Cutter 35.50-39.00; Canner & Low Cutter 33.50-35.00. **SHELLS** down to 30.00.

BULLS: Yield Grade No. 1 50.50-54.00; Yield Grade No. 2 43.00-46.00.

FEEDER STEERS: 45.00-54.00. **CATTLE HEIFERS:** 46.50-56.50. **BULLS:** 45.00-52.00.

CALVES: VEALERS: Good 75.00-90.00; Standard & Good 60.00-80.00; Standard & Good 50.00-65.00. **FARM CALVES:** Hol. Heifers 110.00-127.50.

HOGS: Barrows & Gilts US No. 1-2 39.75-43.25; US No. 1-3 36.00-40.00. **SOWS:** US No. 1-3 34.50-

39.00; No. 2-3 30.50-35.50. Boars 30.00-32.50.

FEEDER PIGS: US No. 1-3 16.00-22.00; No. 1-3 25.00-34.00.

SHEEP: LAMBS: Good 43.00-45.00; Utility 35.00-40.00.

Oklahoma Cattle

Thursday, December 10

Report supplied by USDA

Estimated Receipts 3000
Same Day Last Week 3605

Feeder steers over 600 lbs. steady to 1.00 lower; steers under 600 lbs. all heifers steady to 2.00 lower mostly 1.00-2.00 lower. Feeder demand light. Bulk supply Medium Frame 1 and Mixed 1-2 400-900 lbs. feeder steers and 300-625 lbs. heifers.

FEEDER STEERS: Medium few Large Frame 1 300-400 lbs. 69.00-72.00; 400-500 lbs. 61.50-66.00, some lots thin 400-450 lbs. 65.80-71.00; 500-600 lbs. 60.10-64.10; 600-700 lbs. 59.80-62.75, two lots thin 625-630 lbs. 63.30-64.40; 700-800 lbs. 58.50-60.90; 800-950 lbs. 57.10-60.40. **Small Frame 1** 290 lbs. 65.50; 375 lbs. 61.25; 465 lbs. 60.00; 500-550 lbs. 53.10-58.80. **Medium few Large Frame Mixed 1-2** 315-320 lbs. thin 63.25-63.75; 500-700 lbs. 58.00-61.25; two lots thin 500-600 lbs. 61.40-63.00; 945 lbs. 55.05. **Medium and Large Frame 2** 450-600 lbs. 56.00-58.30; 870 lbs. 53.70. **Large Frame 2 Holsteins** 450 lbs. 56.00; 820 lbs. 52.00; 975 lbs. 49.70.

FEEDER HEIFERS: Medium few Large Frame 1 265-275 lbs. thin 58.00-59.00; 300-400 lbs. unevenly 52.80-59.25; lot 405 lbs. 58.00; 400-500 lbs. 50.50-55.50; 500-600 lbs. 50.50-53.05; lot 600 lbs. 56.00; 600-700 lbs. 51.00-54.70; 700-800 lbs. 51.10-53.25. **Small Frame 1** 400-500 lbs. 48.00-55.20. **Medium and few Large Frame Mixed 1-2** 300-625 lbs.

48.00-52.50 several 49.00-51.50. **Medium Frame 2** 425-525 lbs. 47.00-47.25.

FOR THE WEEK: Feeder steers 2.00-4.00 lower. Feeder heifers 3.00-5.00 lower. Slaughter cows 2.50-3.00 instances 4.00 lower. Bulls 1.00-2.00 lower. Late sales Utility and Commercial 2-3 cows 34.90-36.80. Cutter 1-2 poorly tested few strong weight 35.00. Canner and Low Cutter 27.00-34.00. Yield Grade 1-2 bulls 1175-1500 lbs. 47.00-52.00, few 1750-1850 lbs. 53.00-54.00; 900-1175 lbs. 40.25-48.75. Salable receipts this week near 18,200 head compared to 17,272 last week and 15,662 last year. Feeder steers and heifers made up 89 percent of the run; cows and bulls near 11 percent.



I'M NOT
LION...

The Classified
Livestock
Section
Has Beastly
Selections!

INVEST IN THE FUTURE OF AGRICULTURE

NEW OFFERING

Agway Money Market Certificates!!

- Interest Payments based on the U.S. Treasury Bill rates averaged over a 26-week period.
- \$2,000 certificates - minimum 10% per annum
- \$5,000 certificates - minimum 10½% per annum
- **NO PENALTY** for cashing before maturity date
- **NO BROKERAGE FEES** or **TRANSFER TAX**
- Easy to cash
- Interest retroactive to 1st of month in which securities purchased
- Semi-annual interest payments
- Automatic interest reinvestment available
- Available to members and the public - No dollar limit

RATE PAID FOR SIX MONTHS ENDING DEC. '81	
13.97% \$2,000 Certificates	13.97% \$5,000 Certificates
GUARANTEED MINIMUM RATE	
10% \$2,000 Certificates	10½% \$5,000 Certificates

Agway takes the risk out of
high yield investing

A STRONG AGWAY MAKES A STRONG AGRICULTURE!!

For more information call collect to Jack H. Dreibelbis, Agway Member Relations Board at 717/564-0181, or your local Agway store representative, or petroleum plant.

This advertisement is neither an offer to sell nor a solicitation of an offer to buy any of these securities, nor shall there be any sale of these securities in any State in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the Securities Law of any such State

AGWAY answers your needs

AGWAY

BIG SAVINGS ON

BIG KUBOTAS

Thousands \$\$\$ off - Exceptional Trade-in allowance

The Kubota M Series tractors are built to carry a heavy workload, but not a heavy price!

Their powerful, dependable diesel engines are exceptionally fuel efficient, and durable. That saves you a lot of time and money.

Choose between 55 hp, 63 hp, and 81 hp. models.

- 2W or 4W
- Standard PS
- Category 1 & 2
- Independent PTO

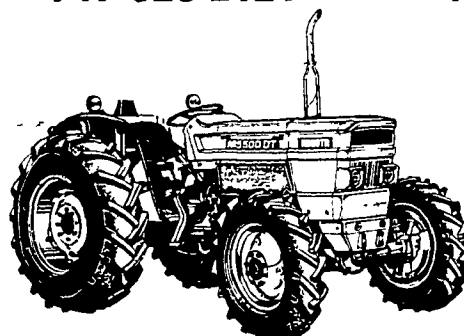
Kubota is the #1 mid-size diesel tractor in the WORLD!

TWO CONVENIENT LOCATIONS:

KELLER BROS. TRACTOR CO.

730 S. Broad St.
Lititz, PA 17543
Lancaster County
717-626-2121

RD 7, Lebanon, PA 17042
Rt. 419 - 1 Mile West Of
Schaefferstown (Buffalo Springs)
717-949-6501



OFFER GOOD
THROUGH
Dec. 22, 1981

KUBOTA
We're looking for work.

M-W means...?

ROSEMONT, Ill. — Each industry seems to have idiomatic terms that mystify outsiders. The dairy industry is no exception, but it has one variation. Even insiders get confused by parity, milk classifications, minimum price support, federal order markets and the M-W price series, to name a few.

M-W means what? It means the Minnesota-Wisconsin (M-W) price series. First adopted in the Chicago Federal Milk Order in September 1961, M-W reflects the prices paid to Minnesota and Wisconsin farmers for manufacturing grade milk. These two states were selected because they are the major producers of manufacturing grade milk (9.9 billion of the 19.1 billion pounds manufacturing milk marketed in 1980).

A recent UDIA bulletin points out that two grades of milk are produced on U.S. dairy farms. Grade A is produced under higher farm sanitation standards than Grade B. Only Grade A milk may be sold as a fluid beverage, but either Grade A or B may be used to manufacture cheese, butter and nonfat dry milk.

Class I milk (milk used as fluid)

prices, under the federal milk marketing order program are set at a fixed differential in each market above the prices paid for Grade B milk in the Minnesota-Wisconsin (M-W) area.

Prices paid by milk companies to dairy farmers for milk to be bottled increase as the distance increases from Minnesota and Wisconsin. These states are the nation's center of milk surplus relative to local demand. Milk can be shipped anywhere from Minnesota or Wisconsin by paying transportation costs. Class I price (fluid milk) throughout the country generally approximate the M-W Class I prices, plus transportation and the differential.

How is the milk price for a given month determined?

The basic formula price for a given month is the M-W manufacturing milk price that reflects supply and demand conditions in the entire dairy industry. Producers of Grade A milk are paid a higher price because it costs more to produce. The formula provides for a two-month lag. So the May M-W price plus the Class I price differential (amount above the manufacturing milk price level) determines the Class I

price for milk in July 1981.

For example, the M-W price in May was \$12.61 per hundredweight. The Chicago Regional Market Order differential was \$1.26. Therefore, the price of Class I milk in July in the Chicago Order will be a minimum of \$13.87 per hundredweight.

Why is M-W important?

The M-W price series is used to set most milk prices throughout the United States. It also mirrors manufacturing grade prices outside Minnesota and Wisconsin. In fact, the reported M-W Price Series closely approximates the final, actual prices paid for manufacturing grade milk in the U.S.

The Class I price differential under the federal order program promotes market security and stability in the U.S. milk market. But when set too high, the differential promotes production of Grade A milk beyond that needed for the fluid market.

The amount of the differential is based on transportation costs and other factors including an incentive to maintain adequate supplies of fluid milk. When the differential is higher than justified by such costs, Grade B producers are encouraged to convert to

Grade A production, especially if they have already incurred many of the costs of doing so, such as the installation of bulk handling systems. Grade B producers install such equipment to increase their marketing efficiency. However the added Grade A production is not needed for fluid use and most is diverted to

manufacturing uses.

The M-W series has worked efficiently in the past and will continue to stabilize the U.S. milk market until the percentage of Grade B milk in Minnesota and Wisconsin is too low to be a viable economic factor. Then a new system will be needed.

Allentown Fair operates in black

ALLENTOWN — The Allentown Fair, showcase of the Lehigh County Agricultural Society, did an about-face when it showed a modest profit on its 1981 exposition after several years of financial reverses.

Commenting on the \$26,712 profit recorded in the annual LCAS report, Edward Charles, executive committee chairman, said, "We now seem to have the proper formula for running a solvent operation."

Comparing the 1981 profit to last year's fair loss of \$60,532, Charles said, "The most important thing is that we had a very successful fair this year."

The fair turnaround was the brightest spot in a much brighter picture for the society's over-all operation, the report says. Other areas of the society's operation recorded deficits resulting in a net loss for 1981 of \$35,407 for the society. Last year's over-all net loss was \$128,458.

"Although there was a slight increase in attendance, the larger crowds alone did not account for the financial turnaround, Charles said. "The main reasons were the curtailment of expenses, a much more efficient operation and an excellent job done by the entire staff."

15% PRICE ROLLBACK IN DECEMBER

Plus Waiver or 13.9% APR Financing



Forget any reasons you may have for not buying a big new 2-wheel drive tractor right now. Massey-Ferguson has rolled back prices to us in December by 15% on every new Massey 2000 Series tractor on our lot. This means some of the biggest savings we've ever been able to offer to you!

Don't wait. Come in and buy now because these savings apply only to new equipment purchased in December — just in time for year-end tax credits too.

Choice of financing

If you buy now and qualify for financing through Massey-Ferguson, we'll make your deal even sweeter with a waiver of finance

charges, bi season of use or 13.9% annual percentage rate financing for two years. It's your choice. See us now for all the details.

Waiver dates:

Tractors/implements	March 1, 1982
Industrial machines	May 1, 1982
Hay tools	August 1, 1982
Grain combines	September 1, 1982
Comb/bean combines	

Used equipment savings too.

Waiver of finance charges and 13.9% financing options are also available to qualified buyers through MF on used machinery and equipment on our lot.

Hurry! These price rollback savings are good only during December 1981.

EXAMPLES OF ROLLOBACK PRICES:

205-4 20 H.P. TRACTOR	230 DIESEL 34 H.P.
List Price \$6,910.00	List Price \$11,237.30
15% Roll Back \$1036.50	15% Roll Back \$1,685.60
Roll Back Price \$5,873.50	Roll Back Price \$9,551.70
265 DIESEL	2675 DIESEL, 100 HP
MULTIPOWER, 60 H.P.	24 Speed Multipower
List Price \$19,421.90	List Price \$37,784.00
15% Roll Back \$2,913.29	15% Roll Back \$5,667.60
Roll Back Price \$16,508.61	Roll Back Price \$32,116.40

Plus...Trade In or Straight Sale Discount

Plus...Waiver of 13.9% APR Financing

**LEBANON VALLEY
IMPLEMENT CO. INC.**

Richland, PA Ph: 717-866-7518



Now more than ever, Massey makes sense.

While some companies look for ways to build bins cheaper, we find ways to build bins better. Bins that will last longer, look nicer and protect grain better.

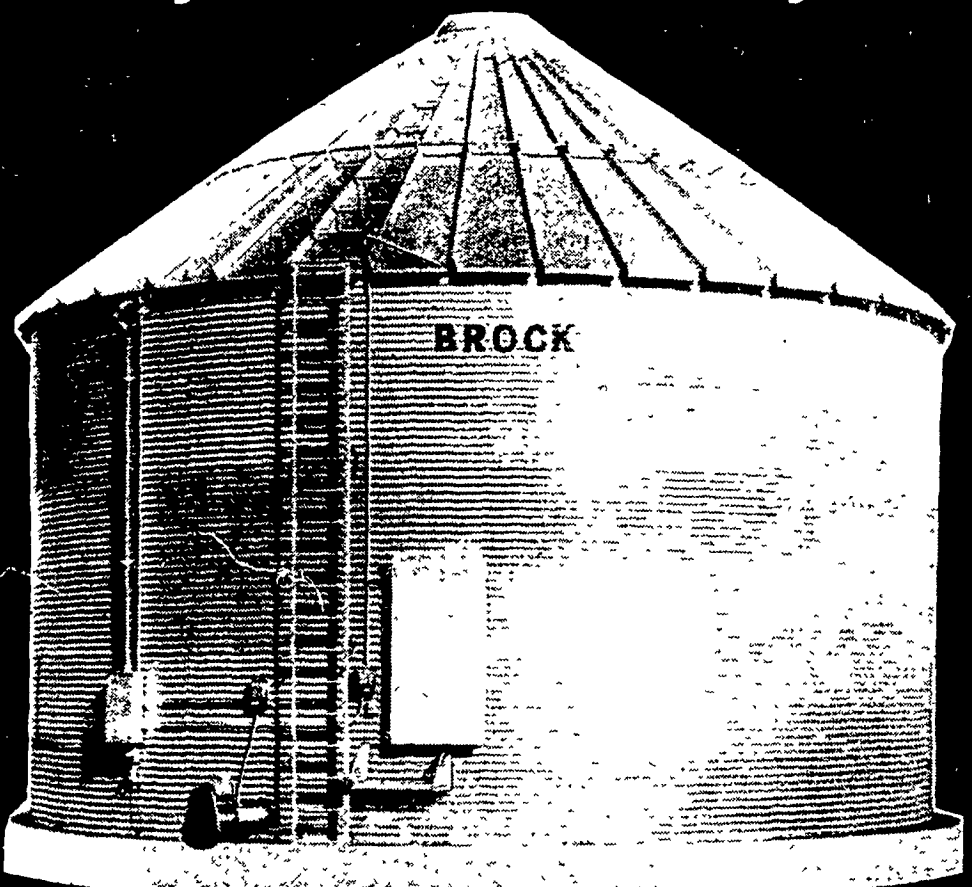
That's why we use only prime high-tensile steel. And precision form and punch each piece.

No, we won't cut corners. Because in the long run, cutting corners would just cost you more money.

For more information about all our money-saving design features, just write for a copy of our latest catalog.

BROCK
Hershey Equipment
Company, Inc.

**There are 10 ways
we could cut our price.
Any one of them will cost you.**



- Reduce the 40-inch fill hole width to 24 inches.
- Eliminate the exclusive fill hole collar seal.
- Eliminate the circle of safety steps.
- Eliminate the adjustable roof stiffener ring.
- Eliminate 3-inch high roof ribs.
- Make the roof pitch less than 35 degrees.
- Eliminate the safety handrail by the manhole.
- Eliminate the tab between each rafter.
- Switch to a lighter gauge steel sidewall.
- Use lower grade bin bolts and washers.

H
**HERSHEY EQUIPMENT
COMPANY, INC.**

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Route 30 West
at the Centerville Exit

Designers of Quality Systems for Poultry, Swine and Grain Handling.

Perry Co. DHIA finishes first in PA

NEW BLOOMFIELD — The dairymen of Perry County are the best in the State according to John P. Harris, County Agricultural Agent. The County Dairy Herd Improvement Association recorded an average of 16,436 pounds of milk and 616 pounds of Butterfat for the year ending September 1981. This places Perry County first among all counties in Pennsylvania for both milk and Butterfat production.

County recognition was given to many Dairy herds at the Perry County Annual DHIA and Holstein Banquet held Tuesday, December 8 at the Centre Presbyterian Church.

Ken and Jane Benner, Millerstown, had the high herd in the county with an average of 20,031 pounds milk and 789 pounds of butterfat. Other herds over 700 pounds butterfat are: Ray McMillen, Loysville with 19,985 pounds milk and 757 pounds butterfat; Milmay Farm, Loysville, 19,244 pounds milk and 743 pounds butterfat; Ben Dum, Ellittsburg, with 19,768 pounds milk and 733 pounds butterfat; Robert Gabel, Newport, with 19,169 pounds milk and 714 pounds butterfat; Milligan Brothers Loysville, with 18,288 pounds milk and 709 pounds but-

terfat; Carl McMillen, Loysville, with 18,142 pounds milk and 707 pounds butterfat; and Alfred Albright and Sons with 18,790 pounds milk and 703 pounds butterfat.

The county Holstein Club recognized the high producing Registered Holsteins within four age divisions.

The highest producing aged cow and tops in the county for both milk and fat is Ray-Mc Rag Apple Pride with a record of 9,797

pounds milk and 1,156 pounds of butterfat. She is owned by Ray McMillen.

In the 4-Year-Old Division the highest cow for milk was Santee Acres R. Maple with 27,414 pounds milk. The high 4-year-old for butterfat was Santee Acres Combination Anna with 1,022 lbs. butterfat. Both 4-year-olds are owned by Ken & Jane Benner.

The 3-year-old milk production winner was Barnview Job Lacie

with 25,621 pounds milk and is owned by Robert and Bernice Gabel. The butterfat winner in the 3-year-old division was Alrada Elevation Laurie with 1,005 pounds butterfat and is owned by Alfred Albright and Sons.

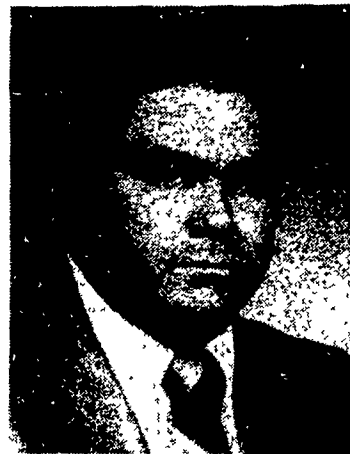
The top 2-year-old for milk production was Dumbelle Complete Tammie with 22,592 pounds of milk and is owned by Tom and Shayne Dum of Landisburg. The butterfat winner in the 2-year-

old divisions is Santee Acres Honor Lorie with 802 pounds of butterfat.

Richard Maurer, County Holstein Director presented plaques to the owners of the above listed record winners.

All herd averages and individual production records are under the direct supervision of the three Perry DHIA Supervisors. They are Walter Stydinger, Ellittsburg, Michael O'Toole, Blain and David Shenk of Newport.

Garrett is new AICA vice president



Joe T. Garrett

Denver, as policy vice president.

"Garrett relates well to livestock producers, and through practical management of college farm and beef cattle programs, knows the producer's problems on a day-to-day basis," said Wienk.

"For the past eight and one-half years, Garrett has been closely involved in performance testing, growth rate and feed efficiency studies, which are closely aligned with Charolais characteristics. He has demonstrated his ability to work for long-range improvement of these traits, all of which are important in beef production," Wienk said.

As head of the university's College of Applied Science and Agriculture, Garrett also was director of the university's farm system. He established, through donations, three herds of registered beef cattle while developing a visible beef cattle production program at the university.

The university's bull performance testing program was the first in the state to install an electronic feeding computer to measure individual feed intake for evaluation of feed efficiency, using a system which Garrett had helped develop while supervisor of the bull test station at Connors State College, Warner, Okla.

Beef cattle research conducted by Garrett in Missouri also measured the relationship between frame size, growth rate, feed efficiency and carcass characteristics of crossbred steers.

Prior to joining the Northwest Missouri University staff, he was an instructor and chairman of the Agriculture Department of Connors State College. His duties there included supervision of the school's bull test station. He also served as executive secretary of the Eastern Oklahoma Beef Cattle Improvement Association.

Garrett received his Ph.D. from the University of Missouri, using studies of the relationship between selected hormones, growth rate, feed efficiency and body composition of young bulls for his dissertation. He received his Master of Education and Bachelor of Science degrees from Texas A&M University, College Station, with emphasis upon agriculture education and animal science.

He is a member of the American Society of Animal Science, the American Association of University Agriculture Administrators, the National Association of Colleges and Teachers of Agriculture, Sigma Xi, Gamma Sigma Delta, and Alpha Zeta.

We'll give you an interest break to go with your tax break.

When you take delivery before Dec. 31, 1981.

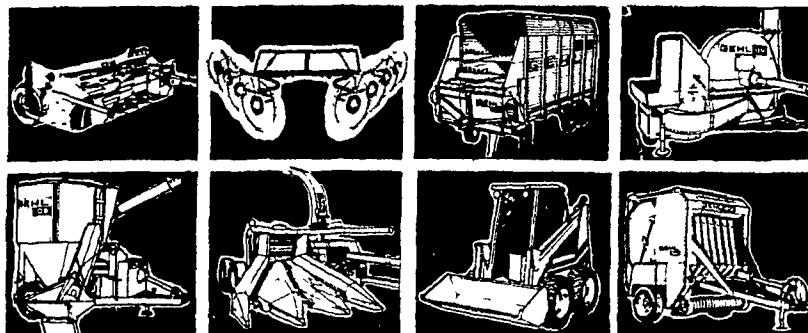
Now Gehl offers you 2 great ways to benefit by taking early delivery on qualifying equipment. You can take an investment credit against your 1981 income taxes. And we give you an interest break.

Plan 1: Take delivery now, pay later.

Here's our basic early delivery program. Buy now with 30% down, take delivery now, and pay the balance later. You pay no interest until the final due date:
June 1, 1982 for forage harvesters (August 1 for forage harvesters with row crop attachments only), hay tools and forage equipment.
April 1, 1982 for skid steer loaders and Mix-Alls.
 Available on qualifying equipment.

Plan 2: Take delivery now, pay now, and earn interest from Gehl

Pay and take delivery for qualifying Gehl equipment before December 31, 1981 and you become eligible for our second program. We'll pay you interest (on balance after down payment) from the time you pay until spring (same dates apply as in Plan 1). See your participating Gehl dealer for full details. Either way, Uncle Sam gives you a break. And so do we.



We put good ideas to work

GEHL®

Gehl Company, West Bend, Wisconsin

PENN ROYAL STOVES

FACTORY OUTLET PRICES
Complete line of coal and wood burning stoves

We won't be undersold!

OUR WOODBURNERS \$267⁰⁰
START AT

Floor, Wall & Ceiling Registers In Stock



LEOLA FIREPLACE & STOVE SHOP

93 W. Main St., Leola
717-656-6408
Mon.-Fri. 10-8; Sat. 9-6

Will there be enough land?

WASHINGTON, D.C. — The question is not new. It is often asked when famines strike in Africa or the Asian subcontinent, or when a drought hits the Midwest. It has usually faded away

fairly typical amount for U.S. agriculture.

While it's true, as some point out, that "they're not making any more land," the United States is a long way from running out of it. Our

"They're not making any more land."

with a return to agricultural surpluses and government programs to idle land.

The question is asked again today, for reasons old and new: the recent rise in U.S. farm exports, a fear that gains in agricultural productivity are slowing, conversion of farmland to urban uses, continued erosion, proposed use of farmland to produce energy, and declining water tables in agricultural areas dependent on irrigation. The fact that less of our cropland is now being held idle heightens these concerns.

The United States has a land area of 2.26 billion acres. The Federal Government owns 751 million of these acres. Urban land accounts for 69 million acres, and land in transportation rights of way, water impoundments, and other nonfarm uses 82 million. Subtracting these acreages leaves 1.36 billion acres of rural land, which the Soil Conservation Service classified in 1977 as follows:

- Cropland - 413 million acres.
- Pastureland - 133 million,
- Rangeland - 414 million,

agriculture is far less intensive than that of Japan and other densely populated countries. The real question is how much and what quality of land will be made available for food and fiber production. The answer depends on economists, technology, and public policy.

In 1977, SCS identified 127 million acres with high or medium potential for conversion to crop uses. Based partly on the profitability of conversion at cost-price relationships prevailing in 1976, the potential acreage, if all converted, would boost total U.S. cropland 30 percent to about 539 million acres. In the past few years, crops — particularly soybeans in the south — have been more profitable than cattle; therefore, a significant amount of pasture has been converted to crops.

The Corn Belt and Delta, two of our most productive regions, have almost 25 million acres of potential cropland for expansion of crops like corn and soybeans. Potential cropland in the Corn Belt is now

climatically suitable only for wheat and sorghum. In the drier portions of these regions, increased wheat production would typically require two acres to get one acre of harvested wheat, with the other acre being kept in cultivated summer fallow. The economic feasibility of converting to crops in these regions would be severely restricted by the reduced supply of higher costs of irrigation

less worrisome than the impact other forces are having on available cropland. Also, future modest increases in yields per acre could offset such loss of cropland. At least, this has been the case in the past.

Interpretation of the data is made difficult by the inevitable shifting of land in and out of crops. Also, it's debatable how permanent these shifts from rural to

mining coal as well as for producing alcohol from crops.

The Energy Security act of 1980 calls for 10 percent of annual U.S. gasoline consumption by 1990 to come from alcohol — 11 billion gallons, assuming a total U.S. consumption of 110 billion. If half of this alcohol were to come from corn, 12 to 20 million additional acres of cropland would be needed (the range depending on how much feed byproducts from alcohol production are utilized). If corn were the sole source of this alcohol, the additional acreage required could run as high as 39 million acres. However, if the current softness in oil prices continues, it is highly improbable that this demand on cropland would materialize.

The productive capacity of U.S. agriculture depends not only on the availability of land but also on how much can be produced on each acre. Indeed, doubts about the

Future modest increases in yields per acre could offset loss of cropland.

water. Moreover, since much of this land is now used for grazing, livestock production and incomes would be affected by such conversion.

Conversion of potential cropland in the Southeast and Appalachia, totaling 30 million acres, would require the clearing of considerable forested land, erosion control in upland areas, and drainage in lower lying areas.

Smaller potential acreages are found in the Northeast, the Lake States, and the Mountain and Pacific States. Cost-price relationships in 1976, used by SCS in making these potential cropland estimates, were not especially favorable to agriculture. Prospects for higher farm income increase the potential for crop uses. Sustained higher income would lead to actual conversion.

The physical and economic potential for conversion to crop uses is only one part of the story. Competition between food and fiber production and nonagricultural uses is another. Recently, the question of land availability has been prompted especially by the reported loss of farmland to urban uses.

According to SCS data, up to 875,000 acres of cropland or land with high or medium crop potential were converted each year to urban and built-up uses between 1967 and 1975. While some fear this record will continue, others suggest that the conversion rate has slowed in recent years. Some maintain that even if the numbers are correct, an annual loss of 875,000 acres from a cropland base of 539 million — one-sixth of 1 percent a year — is far

urban uses are. Not all of the land goes into high-rise apartments and shopping centers. And just as higher crop returns will stimulate conversion of rural land into crops, they will also — if high enough — slow conversion of land out of

Problems will arise, or worsen, in certain states and localities experiencing a loss of cropland or decline in productivity.

farming.

Problems will arise, or worsen, in certain states and localities experiencing a loss of cropland or decline in productivity. On the state and local level, conversion of farmland to urban uses or depletion of ground water may be seen as a problem requiring immediate remedial action, even though adequate cropland exists for the nation as a whole.

The potential use of cropland for energy production is another, though relatively new, concern. This includes land used for strip

future nonland sources of productivity growth are often the real basis for the question, "Will there be enough land?"

Our traditional land orientation tends to obscure the fact that land is only one of the resources required in agriculture. True, we still need soil to produce most of our food, but science may one day change even that.

U.S. agriculture's past productivity growth is well known. Between 1910 and 1980 farm output increased 250 percent, while total

(Turn to Page A26)

The question of land availability has been prompted by the loss of farmland to urban uses.

- Forestland - 376 million, and
- Other - 23 million.

When people ask, "Will there be enough land?", they usually mean cropland. The total acreage classed as cropland has not changed much for several decades. However, the acreage actually used in crop production has varied greatly.

Of the 413 million cropland acres in 1977, about 377 million were actually used for crops — near levels reached before and immediately after World War II. The rest, about 36 million acres, was idle, in soil-conserving uses, or short-term rotation pasture — a

largely in pasture, which, though converted more easily than land in other uses, would still need erosion-control measures or drainage for regular cultivation. Conversion of much of the Delta's potential cropland would require more expensive clearing of forestland or drainage.

The Northern and Southern Plains have the largest reserve of potential cropland (38 million acres). However, much of this land has erosion problems or is

Actual and Potential Cropland Acres, 1977*

Region	Total Cropland	Potential Cropland		Total	Total cropland plus potential
		High Potential	Medium Potential		
		Million acres			
Northeast	16.9	1.1	4.2	5.3	22.2
Lake States	44.2	2.3	6.3	8.6	52.8
Corn Belt	89.9	4.8	9.7	14.5	104.4
No Plains	94.6	5.1	12.9	18.0	112.6
Appalachia	20.7	4.7	9.8	14.5	35.2
Southeast	17.5	4.9	10.9	15.8	33.3
Delta	21.2	3.1	7.0	10.1	31.3
So Plains	42.2	5.2	14.8	20.0	62.2
Mountain	42.2	3.2	11.1	14.3	56.5
Pacific	23.2	1.6	3.9	5.5	28.7
Total	412.6	36.0	90.6	126.7	539.2

* Basic Statistics 1977 National Resources Inventory, Soil Conservation Services Feb 1980

VAN WERT Wet Base Cast Iron Solid Fuel Boilers

For Wood
Or Coal.

Can easily
be added
to existing
hot water
system or
used as a
central
heating unit.



Bowman's Stove Shop, Inc.

R.D. 3, Napierville Road
Ephrata, PA 17522
Follow the signs from
the Light at Hinkletown

Tues., Wed., Sat. 9-5
Thurs., Fri. 9-9
Closed
Monday



717-733-4973
Financing Available



The Glencoe Soil Saver®



Photos courtesy of Pontiac Soil Conservation Service

**gives
you a
choice**



Save up to 21 tons of precious topsoil per acre with a Glencoe Soil Saver. It chops and incorporates crop residues and leaves the field ridged for erosion protection. You save time too! That's important in a wet fall or any-time. No more disking, shredding, field layout, back



furrows, dead furrows. And you'll plow 50% more acres every working day. Best of all you'll be saving topsoil, moisture, and nutrients for a healthier crop next year.

You still have a choice — Make the right one! See your dealer NOW! Glencoe Soil Saver—the original—the only field proven, one-pass tillage machine!

See Your Local Dealer or Contact:

HAMILTON EQUIPMENT, INC.

Ephrata, PA
Phone: 717-733-7951

Glencoe®

Portable Elevator Division Dynamics Corporation of America, Bloomington, IL 61701

At Berks Cattlemen's Field Day

Producers hear beef management advice

BY LAURELSCHAEFFER
Staff Correspondent
DOUGLASSVILLE —

Cattle producers from southeastern Pennsylvania had the opportunity to visit two top-line cattle operations and hear updates on beef management practices from several county agents and

professionals in the livestock industry last Saturday.

Sponsored by the Berks County Cattlemen's Association and Cooperative Extension Service, the field day was held on the farms of Henry Eyrich, Yellow House, and Jesse Terry, Douglassville.

Tours were given at both operations, located within a few miles of each other in southern Berks County. Eyrich's operation is a 300-acre farm on which 800 head of steers are finished annually. In addition, Eyrich farms another 600 acres.

Terry, owner of JV Farm Polled Herefords, operates a 300-acre cow-calf operation, with 82 brood cows and a total of 310 head.

Clyde Myers, Berks County agent, discussed feeding for profit and pasture management. Myers reviewed the necessary feed nutrients in beef cattle diets, reviewed ration formulation and balancing, and discussed growth enhancers. Myers stated that any beef producers not using growth enhancers and non-protein-nitrogen (NPN) as part of their feeding program are losing as much as \$50 per head on finished beef.

Rumensin was one additive discussed. It is a feed additive

widely used to improve feed efficiency and increase rate of gain. Myers explained that it is a methane inhibitor, increasing the amount of propionic acid produced from the feed stuffs by rumen microorganisms. He cautioned however that Rumensin should be fed only to cattle over 400 pounds, and that it is fatal to horses.

Another additive, Melengestrol Acetate or (MGA) is for use on heifers only, and can not be fed with Rumensin. It inhibits estrous in heifers and will increase gains by 7-10 percent, saving 6-10 percent on feed consumption as well. Ralgro and Synovex implants were discussed briefly.

Discussing pasture management, Myers noted that poor permanent pasture occurring or unmanaged land can support only one cow and calf for every one to five acres of pasture. If improved by fertilization and liming, production can be easily doubled. By contrast good permanent pasture can support one cow and calf per every 1/4-3/4 acre.

Dr. Dennis Hoshall, V.M.D., discussed the importance of deworming and preconditioning beef cattle. Stating that internal

(Turn to Page A18)



Chester County Agent Cheryl Moran explains the benefits of performance testing to the group of cattlemen who took part in the Berks County beef cattle workshop last

Saturday. The group visited JV Polled Herefords, a Berks County beef farm owned by Jesse Terry, Douglassville.

"I was very impressed with my first SBM brooder"

Don Kauffman
Columbia, Pennsylvania

"I could see it worked well and would last," says Don. "I compared SBM to 600 watt electric heaters using pigs the same age: pigs under SBM reached 40 lbs. when my other pigs were still at 35 lbs... with the exact same amount of feed. The SUNNYPIG hogs were cleaner on concrete and looked healthier. Even when they were on the truck, you could tell which hogs had been under SBM." Don goes on, "Since then I've bought 20 more SUNNYPIGS. Boy, do they put out heat!"

LET SBM SUNNYPIGS DO FOR YOU
WHAT THEY DID FOR DON.

CALL NOW AND LET SBM PUT
MONEY BACK IN YOUR POCKET.

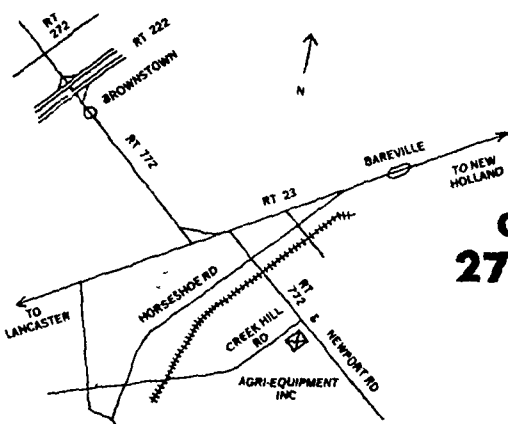
**DON'T DELAY
CALL NOW!**

- SBM stainless steel constructed
- Long lasting
- Easily serviced

SBM
DOWNGOING HEAT

SUNNYPIG BROODERS

AGRI-EQUIPMENT, INC. OFFERS COMPLETE SALES, INSTALLATION, SERVICE



AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY - GRAIN EQUIPMENT
2754 CREEK HILL RD., LEOLA, PA 17540
PHONE: 717-656-4151
★ SERVING PA, N.J. and N.Y.

STORE HOURS:
Mon.-Fri.
7:30 to 4:30
Sat. 7:30 to 11:30

Franklin dairy day Thursday

CHAMBERSBURG — The annual Franklin County Extension Dairy Day will be held on Thursday at Kauffman's Community Center.

Philip Wagner, Extension Dairy Agent said that topics to be covered include on-farm use of computers, stray voltage, ultra high temperature milk and mastitis control. In addition a panel of three Franklin County dairymen will discuss how they use on-farm computers to feed their dairy herd.

Businesses that work with dairymen are co-sponsoring the event by having displays at the meeting. Dairy Day begins at 9:00 a.m. with adjournment set for 3:00 p.m. All interested persons are invited to attend. Further details can be obtained by contacting the Franklin County Cooperative Extension Office at 263-9226.



**GEBHART'S
SANDBLASTING
& RESTORATION
INC.**

Box 109AA, R.D. 1
Abbottstown, Pa.
17301
717-259-9868
• Water Blasting
• Chemical Cleaning
• Brick & Stone Re-
pointing & Water-
proofing

Wanted: farmer/advisors to help beginners

LANCASTER — Wanted: retired farmers and other members of the agricultural and agribusiness community to help beginning and part-time farmers.

This could be a want ad run by the Lancaster County Office of the Farmers Home Administration

who is now in the process of trying to find representatives from the overall ag community to serve in its "New Full-Time Family Farmer Development Project."

Lancaster is one of the counties selected throughout the nation to conduct a pilot project during the

coming year in the program with a goal to help insure a continuing supply of full-time farmers.

An initial meeting of USDA agency members of the Lancaster County coordinating committee has already been held to get the program moving. Attending the session were representatives of ASCS, Federal Crop Insurance, Forestry Service, Soil Conservation Service, Farm Credit, Extension Service and the Farmers Home Administration, which is acting as the central agency.

"We will be holding a second meeting during the coming week to explain how the program will work and what is involved," according to Patrick K. Freeman, county

FmHA supervisor.

"We want to enroll people in the private sector to get involved in the program"

The coordinating committee hopes to get "some new blood" from the farming and agribusiness community to serve in the program and not rely on the same farm people who traditionally serve on various committees.

Persons from the farming and agribusiness community can serve in several different capacities in the program:

—They could serve directly on the coordinating committee and help plan and oversee the program.

—They could serve as advisors in

a one-on-one basis with a beginning or part-time farmer to help with day-to-day management.

—They could serve as a contact person to assist in the marketing of a particular agricultural product.

The central core of the program is the attempt to establish a group of retired farmers or other members of the ag community who would serve as advisors with a particular beginning or part-time farmer to get the operation on a sound footing and work toward a full-time business.

Persons interested in becoming involved in the pilot project should contact the Lancaster County Farmers Home Administration Office in the Farm and Home Center, telephone: 393-4760.—DA

Berks Field Day

(Continued from Page A17)

parasites are quite common, Hoshall said examination of any beef cow, regardless of sex, age, breed or management will usually detect the presence of at least a few worms. Noting that severe parasitism can result in great economic loss, Hoshall said, subclinical parasitism may not economically justify deworming.

Hoshall explained the importance of preconditioning feeder calves on the farm of origin so they can better cope with the stress of feedlot adaptation. Explaining the program, the veterinarian recommended weaning a month before sale, castrating, vaccinating, dehorning, deworming, identifying, and acclimating calves to eating grain from a bunk and drinking from a tank.

Craig Hill, an animal scientist from Delaware Valley College discussed feeding the steer for the correct market. Noting the extremes in cattle type, Hill said that most cattle can fit in the market place somewhere but no type is right for every situation.

With the ever increasing consumer awareness and development of fast food and ground beef markets, stronger demand has been shown on leaner quality grades, with greater emphasis on yield and cutability. This, explained Hill, means attention must be given to the decision of when to sell cattle.

Not only must feeders follow the market, but they must follow the animal and be able to recognize

when the majority of the animals will grade Choice 2 and 3.

The animal scientist reviewed the feeder cattle grades, explaining frame scores and the markets they would probably hit once fed.

Mike Fournier, Bucks County agent, discussed A.I. and estrous synchronization with the use of prostaglandin. Fournier emphasized that estrus synchronization is only as good as the A.I. technician, explaining that a technician that can only get 50 percent of the cattle bred the first time, will only have a 50 percent success in breeding the synchronized cattle. He also cautioned that it's use is only for good managers with good cattle handling facilities. It should not be handled around any pregnant women since the substance can cause abortion - in bred cattle as well.

Also, Fournier noted that estrus synchronization does not increase fertility, it only allows cows to show heat at the same time.

Performance testing was discussed by Cheryl Moran, Chester County agent. Moran explained the importance of performance testing when choosing herd replacements and herd sires. She stressed that performance testing is a comparison of animals within a herd, not between herds.

Moran explained how performance testing works, the sample practices needed to supply the necessary information and the low cost of enrolling a herd.

Federal Seed Act sees changes

WASHINGTON, D.C. — On Nov. 30, the U.S. Department of Agriculture made changes in regulations of the Federal Seed Act.

The new regulations include changes in methods of testing agricultural and vegetable seed, standards for certified seed and botanical names for certain seed, said Thomas H. Porter of USDA's Agricultural Marketing Service.

Porter said changes in the regulations were proposed last June and hearings were held in Denver and Washington in July.

"The regulations being issued this week are slightly different

from the original proposal," Porter said, "because public comments resulted in USDA removing the definition of backcross and the procedure for detecting Rhizobium."

"We also deleted prohibiting the particular class of certified seed when the minimum standards aren't established for that class and the proposed limitation of 3

percent offtypes to only non-fluorescent varieties of perennial ryegrass," Porter said.

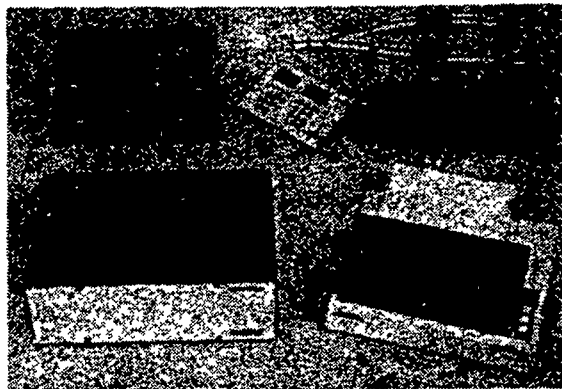
The new regulations were published in the Oct. 29 Federal Register. Copies are available from the Livestock, Meat, Grain and Seed Division, Rm. 2603-S, Washington, D.C., 20250. Phone: 202/447-9340.



NEED MORE ROOM?
Read The
Classified
Real Estate Ads

WESTFALIA systemat

For Progress In
Milking Technology Introduces:



CODATRON

The Westfalia
Feeding and Control
System for
All Dairy Herds

- Individual dispensing of concentrate feed in the slatted unit
- Choice of one or two types of feed

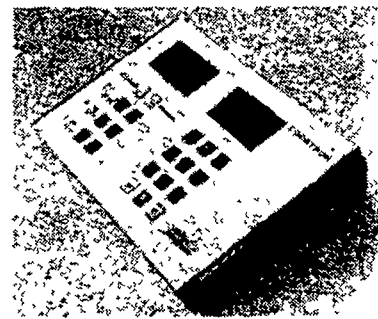
- Maximum ration limit at all intervals
- Savings in concentrate feed
- Higher milk yields
- Time-saving feeding

- Higher butterfat content in the milk
- Better physical condition of the cows
- Cow calendar

Design F 26

- CODATRON feed program with 24-hour cycle (24 intervals)
- Input and readout of feed amounts in kg
- Maximum amount limit in each interval
- Simple checking of problem cows (more than 9% residual feed)
- Stored data preserved in the event of power failure
- Optional automatic or manual start of the feeding program
- Feeding program extensible to max. 999 cows

- Connections for up to 26 automatic feeders
- Printer connection
- Choice of one or two types of feed
- Additional reading of - contents of silo tank - daily consumption - daily consumption per feeding box (for all types of feed)
- A percentual increase or reduction of the daily feed ration can be implemented for the whole herd (changes in the quality of the feed)



Model L also available
with additional functions

WESTFALIA SYSTEMAT SALES CENTERS

CHAMBERSBURG
Cumberland Farm & Dairy Supply, Inc.
Larry Hughes
717-263-0826
800-692-7406

McALISTERVILLE
Saner Farm Systems
Orlyn Saner
717-463-2606

SPARTANSBURG
Brenner Dairy Equipment
Albert Brenner
814-654-7309

HAGERSTOWN MARYLAND
Tri-State Farm Automation
Gerald Poffenberger
301-790-3698

COCHRANVILLE
Farm Construction & Equipment
Robert L. Janney
215-593-2365

OXFORD
W & J Dairy Sales
William Guhl
717-529-2569

TROY
Dairyland Sales & Service
Jim Kelley
717-297-4128

SALES ENGINEER
ROBERT E. TURNER
R D #1, Box 11
Aspers, PA 17304
717-677-9301

JERSEY SHORE
Tom L. Dunlap
717-398-1391

SCHWENKSVILLE
Penn Valley Cropstore, Inc.
Dale Stutzman
215-287-9650
215-287-7315

WILLIAMSBURG
Longenecker Implement
Dale Longenecker
814-793-2985

NATIONAL HEADQUARTERS
WESTFALIA SYSTEMAT
1862 Brummel Dr
Elk Grove, Ill 60007
1-800-323-6723



SEALSTOR WITH SUPERIOR
LAIDIG UNLOADERS — TOGETHER
WE ARE GIVING BOTTOM
UNLOADING A GOOD NAME.



We have a special Introductory
Offer on Spring Haylage
Structures.

You can buy now with a
10% downpayment and
lock in the 1981 prices
on a 1982 Sealstor!
Balance of your
structure will become
due in spring.

CALL FOR DETAILS

above the rest!

Sealstor offers the
widest range of
liquid manure slurry
tank sizes available

We Specialize In
Converting Other Steel
Silo Structures To
Laidig
Bottom Unloaders

SUPREME AUTOMATIC
FEEDING EQUIPMENT
Batch mixers, conveyors, blowers
and feeders,
SUPREME LIQUID MANURE
PUMPS

ROSKAMP ROLLER MILLS
AND FEED PROCESSING
EQUIPMENT

SPECIAL PRICE
Demonstrator Model Laidig
Jr. Unloader \$6500
1 Only

See you at the Farm
Show in January. We
will once again be in
the Dairy Barn.

**PENN DUTCH
FARM SYSTEMS, INC.**
1730 Highway 72 North
Lebanon, PA 17042
717-273-9324

Please Clip & Mail Coupon to I

PENN DUTCH FARM SYSTEMS, INC. LF 12/12
1730 Highway 72 North Lebanon, Pa 17042

I am interested in
☐ High Moisture Corn Storage
☐ Liquid Manure Storage
 Please add my name to your mailing list

☐ Haylage or Corn Silage Storage
☐ Replacing my old or broken bottom unloader with the Laidig Laidig 43 Jr. Grain Conversion

NAME _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 TELEPHONE (including area code) _____
 NO. OF BEEF _____ DAIRY _____ HOGS _____

McCoy gets \$5,000 penalty

LANCASTER — The owners of McCoy Cattle Co., doing business at the Lancaster Stockyards, were assessed a \$5,000 civil penalty and suspended for one week as a market agency and livestock dealer in connection with a proceeding brought under the Packers and Stockyards Act, a U.S. Department of Agriculture official said.

McCoy consented to the order for settlement purposes only, and waived their right to a hearing. They neither admitted nor denied the charges in an administrative complaint filed Nov. 20 by USDA's Packers and Stockyard Administration.

B.H. Jones, P&S administrator,

said the registration of Michael J. McCoy, William G. McCoy, Patrick M. McCoy, and Murilla McCoy was suspended for a 7-day period, starting Nov. 26.

The complaint charged that while buying livestock for, or selling livestock to customers at various times during 1980 and 1981, the partners:

- Billed and collected from their customers on the basis of false and incorrect weights; and

- Billed and collected from their customers on the basis of increased purchase price while also collecting buying commissions.

In addition to the civil penalty and suspension, USDA Administrative Law Judge John A.

Campbell ordered the respondents to cease and desist from:

- Misrepresenting the original purchase weights or prices of livestock to their principals or other purchasers of livestock;

- Preparing or issuing accounts of purchase, invoices, billings, or other documents showing false, inaccurate, or misleading weight or price entries in connection with the purchase or sale of livestock;

- Collecting payment from livestock purchasers on the basis of false, inaccurate, or misleading weight or price entries on accounts of purchases, invoices or billings; and

- Inserting or failing to insert in

documents prepared during the purchase or sale of livestock, any information which results in an inaccurate or misleading record of the transaction.

The cease and desist order was issued to ensure future compliance with the P&S Act.

The P&S Act is a fair trade practices law administered by USDA's Packers and Stockyards Administration. It promotes fair and open competition in the marketing of livestock, poultry and meat.



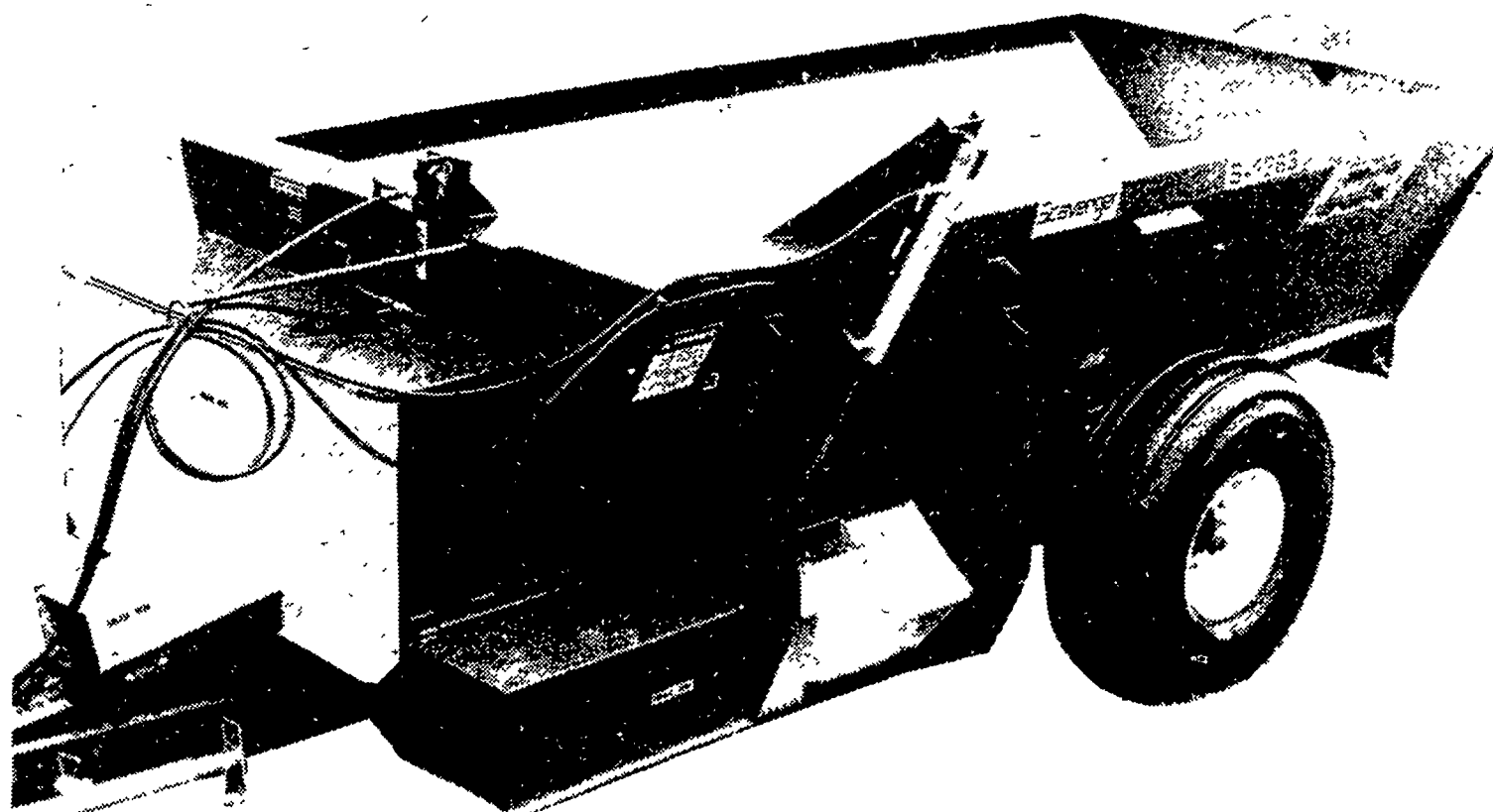
Happy Holiday

As Santa spreads his message of Yuletide cheer... may love and joy abide everywhere!

INTRODUCING THE *Scavenger II* THE SECOND GENERATION SCAVENGER FOR THE "EVERYDAY HAULER"

HEDLUND MARTIN INC.

841 Kutztown Rd.
Myerstown, PA 17067
717-933-4151



*** IMPROVED SPREAD PATTERN * MOVEABLE AUGER—ALLOWS UNLOADING
EVEN THE TOUGHEST MANURE * HI-DENSITY POLYMER LINER—PREVENTS
FREEZING IN WINTER * 1150 GALLONS * 144 BU. STRUCK LEVEL * ONLY 63"
HIGH * OPERATES ON ONLY 60 H.P.**

Call Your Martin Dealer for Details

PENNSYLVANIA

Bence's Farm Equipment
Bedford, PA
814-623-8601

John E. Brown
Forksville, PA
717-924-3492

Norman D. Clark & Son Inc.

Honey Grove, PA
717-734-3682
Clugston Implement
Chambersburg, PA
717-263-4103

Ditt's Farm Equipment
Marion Center, PA
412-286-9606

Thomas Dunlap
Jersey Shore, PA
717-398-1391

Dunkle & Greib
Center Hall, PA
814-364-9109
Mill Hall, PA
717-726-3115

Evergreen Tractor Co.
Lebanon, PA
717-272-4641

H.R. Gutshall & Sons
Carlisle, PA
717-249-2313
Loydsville, PA
717-789-4343

A.L. Herr & Bro.
Quarryville, PA
717-786-3521

Hiland Farm & Home Service
Rome, PA
717-744-2371

R.S. Hollinger & Son
Mountville, PA
717-285-4538

C.B. Hooper & Son
Intercourse, PA
717-768-8231

Wm. Kelly Barn Equipment
Edinboro, PA
814-734-3614

M & M Barn Sales
Westfield, PA
814-334-5504

Mockley's Limestone
Herndon, PA
717-758-3915

Red Wing Farm
Fleetwood, PA
215-944-0791
944-9583

W & J Dairy Sales
Oxford, PA
717-529-2569

Zimmerman Farm Service
Bethel, PA
717-933-4114

Ivan Zook
Belleville, PA
717-935-2948

MARYLAND

E.T. Cline & Son
Hagerstown, MD
301-739-2223

H.B. Duvall
Frederick, MD
301-662-1125

Enfield Equipment, Inc.
Whiteford, MD
301-452-5252

Hughes Bros., Inc.
Westminster, MD
301-848-6313

DELAWARE

Delridge Supply, Inc.
Greenwood, DE
302-349-4327

NEW JERSEY

Jones Dairy Service
Medford, NJ
609-267-0198

WE BUILD FOR THE DAIRY INDUSTRY

Md. grain trade regulations hearing Jan. 19

ANNAPOLIS, Md. — Hearings on regulations to implement two major new laws dealing with the grain trade in Maryland will be held on January 19, 1982, by the Maryland Department of Agriculture which is charged with

carrying out the laws.

The hearings, to be held in the Maryland Department of Agriculture's Conference Room in the Parole Plaza Shopping Center, west of Annapolis, will begin at 10 a.m.

Involved will be two sets of proposed regulations drawn up by MDA to carry out the administration of the laws that: set up a system of licensing all persons and firms in the state which buy 25,000 bushels of grain or more per

year; and set up a "Maryland Grain Indemnity Fund" which will have as its purpose insuring sellers of grain against loss in cases where buyers go bankrupt or the grain is destroyed by fire, flood, storm, explosion, etc. prior to full

payment. Persons wishing copies of the proposed regulations are invited to call or write Thomas O. Meredith, Chief of Grading Services, Maryland Department of Agriculture, Parole Plaza, Annapolis, Maryland 21401. Meredith's office telephone is 301/269-2322.

WHEN CORN PAYS THE BILLS

XL-55a

You start with DEKALB XL-55a because you know it puts more corn in your bins... more cash in your pocket.

XL-55a performs consistently, year after year, no matter what type of conditions come your way during the growing season. Whether it's too hot and dry or too cold and wet, XL-55a gives you the kind of consistent yields you can take to the bank.

With XL-55a you get a corn that hangs on to its ears and gives you more harvestable yields, season after season, than hybrids of similar maturity.

Name	County	Town	Bu./A.
Eugene Moser	Berks	Oley	132.1
Mel & Clair Lapp	Chester	Cochranville	172.2
Tom Williams	Chester	Oxford	171.44
Norwood Wilson	Chester	Oxford	171.44
Brooklawn Farm	Lancaster	Lancaster	126.7
Frey Brothers	Lancaster	Marietta	137.38
Vernon E. Balmer	Lebanon	Myerstown	140.0
Marvin R. Kaylor	Lebanon	Annaville	147.8
Irwin Seidel	Lehigh	Bremigsville	135.8
Charlie Hess	York	Dallastown	131.9

When corn is the main way you pay your bills, it makes sense to make XL-55a your main corn. It's more important now than ever before to make the right hybrid choice for your farm. See your DEKALB dealer today and order more XL-55a.



USDA declares Fla. Medfly eradicated

WASHINGTON, D.C. — The Mediterranean fruit fly has been eradicated from Florida and all quarantine restrictions were lifted Nov. 13, officials of the U.S. Department of Agriculture said.

The action released from quarantine a 52-square mile area of Tampa in Hillsborough County

were five Medflies were found the first Aug. 4 and the last Aug. 11, said Harvey Ford, deputy administrator of USDA's Animal and Plant Health Inspection Service.

"The cooperative effort worked well from the time the first fly was found," Ford said. "The quick action taken by Florida on trap-

ping, pesticide application and regulation of movement of host commodities was instrumental in getting this infestation cleaned up quickly."

The eradication effort began Aug. 4, when the first fly was found. The identity of the adult fly found in a trap in a calamondin

tree was confirmed Aug. 5. Florida began treating host trees from the ground in the immediate area Aug. 7, and began aerial malathion spraying Aug. 11. Parallel state-federal emergency regulations were put into effect Aug. 12.

By the end of the program, ten pesticide application had been made on a weekly basis. Three life cycles of the Medfly had to pass

after Aug. 14—the day the last fly was found—before officials could declare the pest eradicated.

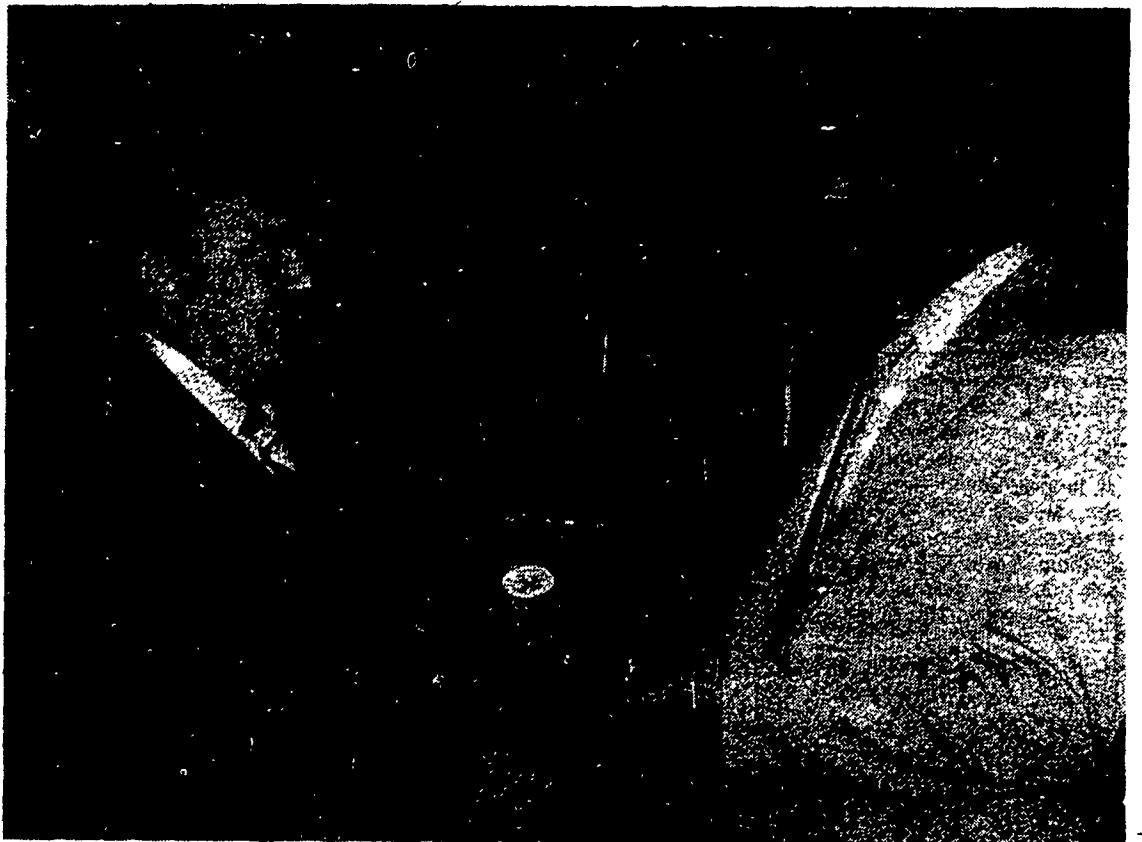
Medflies attack over 200 fruits and vegetables. Adult flies lay eggs under the skin of fruit. Developing larvae feed on fruit flesh, rendering it useless. A current infestation of the pest is under regulation in areas of California.



DEKALB is a registered brand name. Number designates hybrid. As a condition of sale, please note statement of limited warranty and remedy on DEKALB orders and tags. Yield results from DEKALB Yieldmasters Club, DEKALB Yielddata Program and DEKALB Come & Look Plots. Harvest results witnessed and converted to 15.5% moisture.



Russel and Ellen Kline display the Red Rose trophy which honors top butterfat production in the county. The Denver couple turned in a high record of 20,657 pounds of milk and 791 pounds of fat on 44 Holsteins.



Accepting for Robert Ulrich of Quarryville, Bill Ulrich receives an award for high Jersey herd for milk from Red Rose President Jay Landis.

Lancaster Co. DHIA

(Continued from Page A1)

35, Trimble-49 Brown Swiss and Linde-44.

In all, there were 27 herds in the County producing more than 700 pounds of fat. These dairymen were presented certificates during the two-day dinner meetings.

Also receiving recognition for their work in the association were supervisors with 20 or more years of service. These included Harold J. Landcamp, Peach Bottom, 28 years; J. Wilbur Houser, Lampeter-26 years; Jay M. Risser, Lancaster-26 years; Harold S. Probst, Bart-24 years; Moses H. Martin, Ephrata-25 years; and Robert J. Brinton (retired), Quarryville-21 years.

Supervisors receiving checks for \$300 for outstanding service included Thomas G. Garrett, Palmyra; J. Wilbur Houser; Lee Landis, Narvon; Harold J. Landcamp, Harold S. Probst, and Robert J. Brinton.

Among the criteria for selection of this merit award were mailing time of milk samples less than 2.9 days, error rate less than 1.5 per 1,000 samples tested and herds tested off centering date less than two percent.

Newly elected directors were announced as Ed Harnish, James Kreider, John Harnish, Richard Brenneman, Jay Ranck and Ronald Martin.

Gilbert Porter, vice-president of the research and development program for Agway, addressed the group both days. He commended the association for the percentage of county herds on DHIA test and for the increased herd production.

Porter presented his view of the future - looking ahead to the next 40 years in general and the 1980's in particular. He stated that the population of the world in the next forty years will double and it will take even greater technological strides to meet that increased demand for food.

"Agriculture is going to be one of the most exciting growth industries in the world," he said. "The changes in agricultural technology in the last twenty-five years will be overshadowed by the changes to come, he added. To meet the demands of the next ten years Porter outlined several specific items.

First, he said, there will have to be greater control, better management, more productivity, more efficiency. The emphasis in the 80's will not be getting bigger, but getting more efficient. Energy efficiency will be a major concern he stressed.

He said dairymen will have to pay closer attention to their

programs to make the most of their animals' genetic capabilities.

"Genetics provides the capability, but environment provides the opportunity to express or not to express that capability," he remarked.

Limited federal spending and slowing population growth in the Northeast, especially, will further lessen milk prices, he predicted.

Porter projected the 1982 price to be 14 cents lower than the 1981 price of \$13.94 average. This squeeze on finances will necessitate the dairyman exercising production increases and getting rid of tail-enders in production which will no longer be profitable.

A need for more advertising and promotion will also result. Porter stated that although cheese consumption has risen by 32 percent in the past decade, whole milk consumption has dropped the same amount.

Porter drew attention to the need for the industry to do "all that is feasible to protect the flavor of milk from the udder to the consumer." As an industry, he felt much improvement in the areas is needed.

Returning to the topic of farm management, Porter stated that dairymen will need to do more planning than they have been accustomed to in the past. More attention to structures and equipment will need to be given in the next decade especially in the areas of energy conservation and handling of heifers. Too many animals are coming into lactation than 24 months, he said. Delays in first freshening are financially

wasteful.

Porter also touched on the topic of nutrition and its role for the dairyman in the 80's. Nutrition factors affecting the composition of milk will come of age when component pricing will force the industry to look at production of non-fat components, he stated.

In summary he emphasized the need in the future to intensify the search for knowledge and to diligently apply the new technology as it becomes ready for farm adoption.

Robert Kindig, state director, reported to the group that rising costs will undoubtedly result in an increase in testing fees shortly. He also recognized Wilbur Houser, supervisor, who will be honored in January by the Pennsylvania Dairymen's Association as the select supervisor of the year. Kindig also urged the members to consider membership in the Dairymen's Association.

Glenn Shirk, County Agent, briefly addressed the group. He said that with everything increasing except the price of milk, the responsibility now lies in being more efficient, in controlling costs and income. A need for more promotion is crucial, he added.

One tool for controlling losses is the somatic cell count program, Shirk said. Research has shown that numbers may be lower than thought in the past which still adversely affect production.

"Mastitis is costly on the farm. We have a tool to work with it," he added.

Those herds producing more than 600 lbs. of fat are included in the following list.

Vern Lee Holsteins	RH	44.0	90.3	20,657	791
D. Lamar Witmer	RH	24.9	86.5	21,467	767
Paul H. Martin	RH	38.3	89.4	19,870	767
Nelson H. Wenger	RH	44.1	87.2	18,401	766
Bernel Z. Lapp	RH	45.3	90.1	21,748	754
H. Stoltzfus Jr.	R&GrH	44.8	91.1	21,048	754
Glenn Burkholder	R&GrH	63.1	88.8	19,695	745
Curtis E. Akers	RH	59.3	88.7	20,160	732
John P. Lapp	RH	39.3	90.4	19,029	730
John Omar Stoltzfus	RH	43.2	93.1	19,542	729
Weaver Homestead	R&GrH	87.0	86.7	19,118	726
Samuel Martin Jr.	R&GrH	67.5	88.4	19,405	717
Robert H. Kauffman	RH	68.8	84.5	19,308	715
Paul B. Zimmerman	RH	39.7	87.1	17,371	713
Gusty Crest Farm	R&GrH	29.7	89.8	19,142	711
Christian Zook	RH	52.4	86.4	18,857	711
Paul D. Welk	RH	69.2	87.8	18,400	711
Jacob S. Diener	RH	54.7	88.2	18,870	710
Aaron Z. Martin	R&GrH	29.4	81.7	17,825	708
Vernon Umble & Son	RH	79.9	86.3	18,600	707
Jonas E. Zook	RH	34.9	88.0	18,260	706
Daniel Stoltzfus	R&GrH	53.0	88.6	18,194	705
Allen Lee Stoltzfus	RH	41.1	85.6	18,991	703
Robert Kauffman Jr.	RH	98.8	85.6	17,966	703
Earl R. Hursh	RH	38.7	86.8	19,507	702
Richard N. Sauder	RH	37.6	86.9	18,648	701
Bart Dell Farm	RH	26.2	88.8	19,350	700
Naaman W. Stoltzfus	RH	32.6	86.9	18,447	699
Hiram S. Aungst	RH	54.1	87.0	18,440	699

(Turn to Page A35)



Harold Shelly captures the top spot for the Ayrshire breed in the county. Shelly's Manheim herd finished with records of 15,450 pounds of milk and 606 pounds of fat.



K.D. Linde and daughter Millie of Oxford claim the number one Guernsey herd in Lancaster County for the 1981 testing year. The Linde family turned in records of 14,327 pounds of milk and 690 pounds of fat on 44 cows.

Berks Co. DHIA honors top producers

BY LAUREL SCHAEFFER
Staff Correspondent

KUTZTOWN — Packing the Kutztown Grange Hall, here, members of the Berks County DHIA program turned out December 4 for their annual banquet.

Highlighting the evening was a slide presentation given by Roy Christman, Hamburg on a recent trip to China and the presentation of awards for outstanding dairy herd performance.

Six herd were honored for producing more than 700 pounds of milk, four of which topped the 800 mark. These farms and their records are as follows: Charles and Tim Kissling, Robesonia - 21,373 pounds of milk and 832 pounds of fat; Charles Plushanski, Kutztown-21,199 pounds of milk and 811 pounds of fat; Stephen Janos, Mohrsville-22,108 pounds of milk and 810 pounds of fat; Henidel Farms, Inc., Womelsdorf-20,457 pounds of milk and 808 pounds of fat; Junge Farms, New Tripoli-18,640 pounds of milk and 785 pounds of fat; and Rue-Hel Farms, Mohrsville-21,047 pounds of milk and 732 pounds of fat.

Also honored for having the highest individual producing cow was Richard Trautman and Sons.

Richland. Their cow "Faith" produced a 305 day record of 25,599 pounds of milk and 1,262 pounds of fat.

High cow for milk production was "Mae" owned by Rue-Hel Farms with a 305 day record of 31,617 pounds of milk and 1,977 pounds of fat. His cow ranked ninth in high fat production.

Burd Schantz, Alburtis, President of the Berks County DHIA noted that the county average for 1981 totaled 11,946 cows on test, the highest record to date averaging 15,090 pounds of milk and 570 pounds of fat, also new highs for the county. This year has been the first year Berks County topped the 15,000 pound milk average.

Clyde Myers, Berks County Extension Agent, commented on the Somatic Cell Count program offered through DHIA noting that it was a good management tool, especially in detecting subclinical mastitis.

Myers recognized the three lowest herds on the SCC program. These herds were: Henidel Farms, with a count of 141,000; Harold and George Schuler, Fleetwood, with a count of 144,400 and Ken and Robin Wolfskill, Bernville, whose count averaged 144,800.

Berks County Dairy Princess, Betty Jean Hoch, Oley, offered a few remarks to the large audience, stressing the value of milk in the diet.

Nevin Mast, DHIA director and Carl Brown of F.M. Brown Feeds presented slides of the outstanding county herds, noting similarities

and differences in their management. They concluded that all of the top herds had low SCC averages, well below the county average by over 200,000 calls. In addition, all were being fed much higher than county averages of various feed types including hay, concentrate, silage and haylage.

They also noted that the high herds were also fed several times per day, the calves well taken care of and there was almost always someone in the barn. Mast and Brown also noted that each farm they visited was set up differently and many different types of facilities were being used.



Many of the honored producers in Berks County display their production awards at the recent annual meeting and banquet. The front row from left to right includes: Charles Plushanski-3rd high in milk and 2nd in fat at 21,199 pounds of milk and 811 pounds of fat; Richard Trautman-highest producing cow with 25,599 pounds of milk and 1,262 pounds of

fat; Stephen Janos-high milk and 3rd high fat at 22,108 pounds of milk and 810 pounds of fat. The back row from left to right includes: Tim Kissling-high fat at 832 pounds; Connie Ohlinger of Rue-Hel Farms-4th high milk at 21,047 pounds of milk; Glenn Seidel-5th high milk and 4th high fat at 20,457 pounds of milk and 808 pounds of fat.



pipe insurance
freeze protection

FROSTEX® II
safer Heating Cable
won't overheat even when overlapped.
use on any pipe, even plastic.

more reliable
new design for long life.
regulates its own heat output without a thermostat.

cut it to any length
\$7.35 Ft.

New!



WINTER WORK CLOTHES

Carhartt & Wrangler

- Come see our large selection, you'll love the price
- Lined Jackets
- Lined Coveralls
- Work Jeans
- Pile Lined Vests
- Overalls
- Shoes & Boots

FROSTED HEAT LAMPS

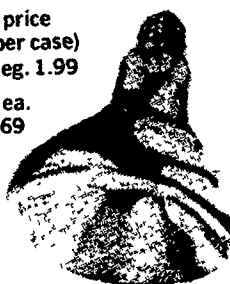
\$1.49 (case price)
ea. 24 per case

• 125 or 250 Watt, Reg. 1.99

RED BULBS **\$3.29** ea.

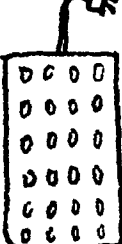
(Case Price) Reg. \$3.69

BROODER HEATER **\$4.59**



HEAT PADS FOR PIGS

CAM-LINE



1'x3'	\$29.00	2'x3'	\$50.80
1'x4'	\$36.40	2'x4'	\$50.99
16"x24"	\$27.85	1'x5'	\$37.95

Full Line of FARM TOYS.

ERTL and TONKA

Great Christmas Toys at Prices That Will Pleasantly Surprise You!

Also:

- Fisher Price
- Sleds
- Baby Dolls
- Star Wars



AC-225-S LINCOLN ELECTRIC ARC WELDER



Reg. \$149.95

\$138.95

SALE

Rods
75¢
per lb.

IMPLEMENT SPRAY PAINT

Original OEM Colors, Rust Resistant

Available in Quarts & Gallons



SPECIAL 13 OZ. SPRAY CAN
Reg. \$2.99

\$2.29

NOW

AUGERS

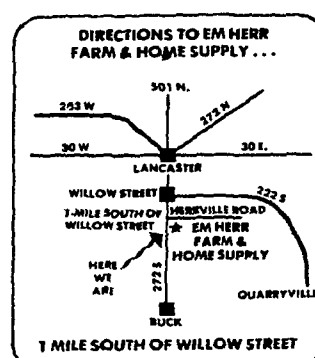
By MJM



- Includes spout & head

4"x11'	\$106.75
4"x16'	\$131.55
6"x11'	\$171.95
6"x16'	\$212.95
8"x11'	\$250.95
8"x16'	\$307.95

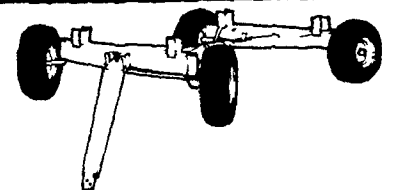
WE UPS ANYWHERE - JUST CALL 717-464-3321
SALE PRICES GOOD THROUGH DECEMBER 19



Store Hours
Mon.-Thurs. 7:30 A.M. - 6:00 P.M.
Sat. 7:30 A.M. - 5:00 P.M.
Fri. 7:30-9:00

EMHERR FARM & HOME SUPPLY

R.D. 1, Rte. 272 South, Herrville Rd.
Willow Street, Pa.
Phone: (717) 464-3321



RUNNING GEAR

- Standard Tongue
- Adj. Wheel Base • 6 Bolt Hubs
Less: Wagon & Tires

10 TON Reg. \$599.95 . Sale **\$539.95**

8 TON Reg. \$499.95 . Sale **\$449.95**

6 TON Reg. \$465.95 . Sale **\$429.95**

CORDOVAN TRACTOR BATTERIES

As Low As

\$34.95

Car & Truck Batteries available with 4 & 5 year warranties

- 6 volt
- 36 mo. warranty
- w/trade-in



Berks says \$200 or no pond design

LEESPORT — Too many hours constructed ponds has led the Berks County Conservation District to change its policy on assistance to landowners requesting pond designs.

Extension sets price on Agronomy Guide

UNIVERSITY PARK — The 1982 Agronomy guide is now available at Extension offices but for the first time, the Penn State Cooperative Extension is asking \$2 for the publication.

The once-free booklet, that contains Extension recommendations on varieties, fertilization and weed control for forage, corn and small grain crops, may signal the beginning of Extension publications with a price tag, explained Lancaster County agent Glenn Shirk.

Shirk explained the fee is necessary to cover the production costs of the Guide.

"The cost of publications is a major cost item in the Extension budget," reported Shirk.

Tom King, associate director of Extension at Penn State noted that annual expenditures for publications have escalated from \$40,000 to \$170,000 in the last decade. King pointed out these costs do not include radio or television spots nor do they reflect federally subsidized nutrition booklets.

However, Kevin Hayes, assistant director of Penn State Agricultural Communications reported that the bulk extension

information will be offered at no cost. He explained that interested persons can still receive one free copy of certain publications with a limit of up to 10 titles.

Although Pennsylvanians may now have to start paying for certain publications, neighboring states have been selling Extension information for years, said Hayes. He explained that Cornell University has been setting price tags on publications for 30 years as does Ohio State.

According to Roy Shryock, conservation technician for the U.S. Soil Conservation Service in Berks County, the local board of directors has voted to require a landowner to submit a request for a pond site evaluation to the Berks County Conservation District. After an on-site inspection by SCS staff and after a suitable pond site is located, any landowner who requires further assistance from SCS and the District in the way of surveys, designs, and construction supervision, will have to submit a Request for Pond Design Assistance form.

To ensure that the District's assistance will not be taken for granted, each landowner also is required to submit \$200 with the pond request. "This \$200 is only a deposit and not a fee," says Shryock. "It will be returned to the

landowner upon completion of the pond — as long as the pond is built according to the SCS criteria."

Shryock points out that in recent years SCS has been spending many hours designing ponds only to have the landowners or contractors construct them without following the design standards. "The deposit placed with the Conservation District is an act of good faith that the landowner wants to do the job and do it right," he said.

SCS is the technical assistance agency of the U.S. Department of Agriculture for soil and water conservation problems. The Berks County Conservation District consists of a board of directors representing the farm and urban communities of the county. The District recommends the type of conservation program they would like to have in their area.

Simmental breeders to hear Paul Harvey

ORLANDO, Fla. — Paul Harvey, perhaps America's best known radio personality, is the featured speaker for the 14th Annual Meeting and Convention of the American Simmental Association, scheduled for January 28-31, at Walt Disney World near Orlando, Florida.

Harvey, who will appear at the ASA Awards Banquet on Friday evening, January 29, has chosen "A Time To Be Alive" as the title of his address. Sometimes referred to as the "burr under the saddle of the American conscience," Harvey is heard regularly on nearly 1,300 radio stations and 100 television stations in the U.S. and Armed Forces Network.

TRUCKLOAD SALE
December 22, 23 & 24
12 Noon - 24th



TRUCKLOAD OF CITRUS FRUIT
DIRECT FROM FLORIDA

FRESH SHRIMP & OYSTERS

PETERSHEIM'S STORE
RD 1 Christiana, PA
1 mi. East of Nickel Mines
Hours: Mon - Fri 7-8, Sat. 7-6



PUT A RED BEDDING CHOPPER IN YOUR FAMILY'S CHRISTMAS STOCKING THIS YEAR

Farm families are practical people. They like to give practical gifts at Christmas. Gifts that make life easier on the farm all year. Gifts that show love in a practical way.

That's why the tough-built red bedding chopper from US Farm Systems of Pennsylvania makes such an ideal Christmas gift for your farm family.

You get pleasure from this Christmas present every day you must put bedding under your dairy cows or in heifer box stalls. With the tough-built red bedding chopper you don't need to shake out bales of straw, old hay or corn stalks any more. You save lots of time and hard work.

In addition, this bedding chopper eats up bales of bedding with ease, and blows out fluffy, liquid absorbent bedding right on the stalls where you want it.

So put a red bedding chopper in your family's Christmas stocking this year. Dealers across the states have machines in stock ready for delivery. For the dealer near you, write to **US Farm Systems of Pennsylvania**, 3053 Barren Road, Oxford, PA 19363. Or phone: (301) 398-2948.

ALSO ★ **Bull-Strong Manure Pumps**
ASK ★ **Simplicity Manure Tankers**
ABOUT: ★ **Easy-Unload Silage Carts**
★ **New Total Ration Mixing Carts**

US FARM SYSTEMS
of Pennsylvania
Your Manure & Feed Equipment Dealer

NORTHAMPTON FARM BUREAU CO-OPERATIVE ASSOCIATION

TATAMY, PA

★ **FEED, SEED CHEMICALS**

★ **LIME AND FERTILIZER CUSTOM APPLICATION**

★ **TEXACO PETROLEUM PRODUCTS**

★ **SIMPLICITY LAWN & GARDEN EQUIPMENT**

EASTON 215-258-2871

LCCD joins pilot project

(Continued from Page A1)

Total project cost is estimated at \$118,210, but Brand admits, the cost doesn't stop here.

"It will probably run a couple

hundred thousand every year for a couple years, but the overall use and help it will provide will far outway the costs. The funds needed depend on the extent to which

Lancaster County is hooked into the system," he said.

As stated on the project description submitted by the District, the project "seeks to

demonstrate an application of advanced remote sensing and geographical information systems technology in support of farm level land use decision-making."

A model, known as a Universal Soil Loss Equation model, will be developed and implemented on an information system drawn by a micro computer for use in conversation with farmers.

According to Tom Johnston, District administrator, the computer would probably be placed in the conservation office for easy access.

The system draws upon a digital data base derived from satellite and other secondary data sources. The farmer then can type in information about his farm and the system will draw upon pre-recorded files of geo-referenced (pictures taken from the satellite) data to determine the impact of a particular land-use decision.

Results can be reached describing the estimated soil loss, vegetative cover, estimated change in yield, and therefore possible income changes due to this change. Graphical and narrative summaries are also produced.

According to Brand, the project will be the first of its type to be used in the United States.

"There are several other states which are currently using projects similar in nature, but these projects are mostly for natural resource planning," he said.

He said Lancaster County was

chosen for the project because of its high farming reputation and because there are several areas which would merit the need for such a system.

The actual choice of Chickies Creek Watershed, according to Brand, came from the District.

"Chickies was picked because of its erosion problems and soil loss," he said.

Where the director and the District will seek funding next, is not known at this time, but the board's interest will remain if their vote Wednesday night is any indication of their interest.

In other business, the Board moved to support the Farmers Home Administration in their new Full Time Family Farmer and Rancher Program.

The nationwide program is designed to insure a continuing supply of full time farmers with help from established committees and a group of ag-community members who would serve as advisors for the chosen beginning farmer. For more information on the project, see page A18.

Also, the Board decided to look further into the possibilities of procuring funding for the Lancaster County Conservation District. In discussion and support of the proposed idea, Amos Funk, vice chairman of the Board, read and described a New Jersey law which establishes that state's conservation district's methods of receiving funds.

BEACON MINERAL SUPPLEMENTS

who needs them? You do!

Quality roughage alone can provide much of the protein and energy needed for milk production. But since roughages may lack both balance and quantity of minerals necessary for maximum milk production, bone and muscle development, and the most efficient utilization of other nutrients—many dairymen need a mineral supplement program.

How can you tell if you need a mineral supplement program?

Let us make a free analysis of your forage crops. We'll give you a report on the nutrient value of your hay, silage, or other roughages, along with recommendations for any supplements—if, necessary. We won't try to sell you anything you don't need!

Our three mineral mixes—Beacon Phos-Min, Beacon Mineral Ade and Beacon Cal-Min—are formulated by highly respected dairy nutrition specialists. The supplement they recommend will contain the necessary minerals to make up deficiencies or imbalance in your roughages and to achieve the proper calcium-phosphorus ratio in your total feeding program.

You can rest assured that you aren't paying extra for exotic ingredients, high transportation cost, and expensive promotion and sales cost.

With BEACON, you get more mineral units per dollar invested.

Mineral supplements, formulated especially for the cow at reasonable cost, are part of what we call "No nonsense feeding".

CALL YOUR BEACON DEALER TODAY!

W.L. MUMMERT CO.
Hanover, PA
717-637-6923

MURPHY & CLOUSE FEED MILL
Carlisle, PA
717-249-2963

H. JACOB HOOBER
Intercourse, PA
717-768-3431

MCCRACKEN'S FEED MILL, INC.
Manheim, PA
717-665-2186

NOLT'S MILL
Witmar, PA
717-393-1369

**NEW FREEDOM FARM &
HOME SUPPLY, INC.**
New Freedom, PA
717-235-3606

MARTIN'S ELEVATOR, INC.
Hagerstown, MD
301-733-2553

STEVENS FEED MILL, INC.
Stevens, PA
215-267-2150

ELROY SANER
Thompsontown, PA
717-535-5583

H.O. ANDREWS & SONS, INC.
McVeytown, PA
717-899-6772

CLARK SUPPLY CO.
Rising Sun, MD
301-658-6464

JOHN M. HERR & SONS, INC.
Grantville, PA
717-469-0988



York, PA
Ph: 717-843-9033

MOGEL BROS. FEED
Hamburg, PA
215-562-5398

G.S. SNYDER FEED
Brodbeck, PA
717-235-1213

RICHARD B. KENDIG
Special Accounts
Representative
Phone 302-478-3058

CHESTER WIEST
Sales & Distribution
Manager
Phone 717-741-2600

ISAAC K. LEFEVER
Beacon Advisor
Phone 215-267 7042

R.E. RUDISILL
Sales & Distribution
Manager
Phone 717-854-2281

RAY BRANAS
Beacon Advisor
717-843-4515

Beacon Milling Company, Inc.

We're Employee Owned. That's Why We Shine.

GMS...OVER 2.5 MILLION COWS MATED



**Frey Turkey Hill
Dairy Farm
Conestoga, PA**

Turkey Hill dairy operation, owned by the Frey family, runs more than 500 Holsteins through their milking lineup three times per day. Herdsman Bill McCarty is looking to

improve overall type in the herd, particularly feet and legs, through the ABS GMS program.

"The cattle are on concrete, so we definitely want to work on correct feet and leg traits while also using bulls only over +1,400M and +.01 or better for type," explains Bill.

ABS' Genetic Mating Service is an important part of thousands of successful dairy breeding programs. First and second choice mating sire recommendations are suggested for your cows based upon their individual strengths and weaknesses.

Let GMS benefit your breeding program as it has for this area dairyman. Contact your nearest ABS Representative.



Bangor, PA	Eric Heinsohn	215-588-4704
Baptistown, NJ	Cindy Gordeuk	201-996-2088
Columbia, PA	James Charles	717-898-8694
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Port Murray, NJ	Robert Kayhart	201-689-2605
Prospectville, PA	William Tyner	215-542-8479
Reading, PA	Robert Greider	215-378-1212
Stewartstown, PA	Tom Engle	717-993-6836
Thomasville, PA	Ira Boyer	717-225-3758
West Grove, PA	Dan Rush	215-869-9187
Kirkwood, PA	Dan Rush	717-529-6548
Elmer, NJ	Cyndy Hetzell	609-455-8187
Mt. Airy, MD	Allan Pickett	301-663-4191
Allenwood, PA	George Showers	717-538-1812
Carlisle, PA	Wayne Piper	717-249-8882
Coburn, PA	Wendel Musser	814-349-5310
Linden, PA	Larry Bower	717-323-9710
Mansfield, PA	Harold Robson, Jr.	717-662-7731
McClure, PA	Michael C. Ewing	717-658-7316
Millville, PA	Wilmer Hendricks	717-458-5949
Mifflinburg, PA	John M. Beachy	717-966-1344
Mifflintown, PA	Mervin Zendt	717-436-6386
Reedsville, PA	Glenn Barr	717-667-2775
Ulysses, PA	Bonnie Barker	814-848-7674

\$11,000 bid at Golden Harvest

LANCASTER — A third generation excellent whose fourth year record topped 20,000 lbs. of milk with 857 lbs. fat sold for \$11,000 at the Golden Harvest Sale at the Guernsey Sales Pavilion on Thursday.

The top seller, Tall-Spruce Kelly Ideal, was purchased by Carlos and Douglas Long, of Clayton, Mich. She was consigned by Richard R. Higley, of Forksville.

Other leading sellers at the sale included:

—A Chief daughter with a family of excellents behind her, Stonerdale Chief Darla was sold for \$6,600 to Marinus and Marvin Oosten, Chino, Cal. The bred heifer was consigned by Titus B. Stoner, of Landisville.

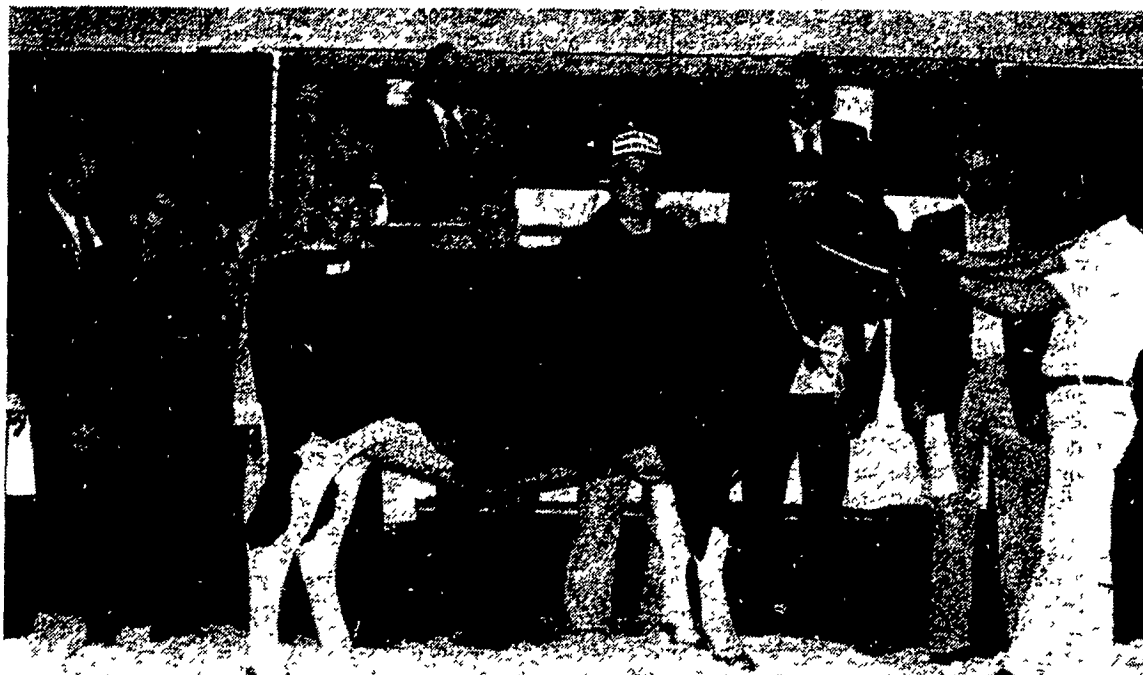
—Another bred heifer, Spring-Belle Whirlhill Pamela, from

Spring-Belle Farm, Lancaster, was sold to Parks Hill Holsteins, of Lingleville, Tex., for \$6,000. Bred to S-W-D Valiant, her full sister sold at the 1978 Golden Harvest for \$7,500 and now has a plus-1883 Index and twice has milked over 25,000 lbs.

—Cain-View Astro Shirley, an Astronaut daughter, consigned by Gary Warren, Middleton, Del., was sold for \$5,700 to Richard and Virginia Yule, of Millville. Her dam's third-year record included 28,000 lbs. of milk and 1000 lbs. of fat.

The first ten animals sold in the Golden Harvest Sale under the gavel of the R. Austin Backus company averaged just under \$5,000.

The sale also included a group of about a dozen young bulls.



Heifer, Spring-Belle Whirlhill Pamela, sold for \$6,000 to Parks Hill Holstein, of Texas.

Cumberland DHIA

ups test cost

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — The Cumberland County dairymen utilizing the milk-o-meter program for DHIA Testing will be charged 3 cents more per cow for the use of the meter. The Cumberland County DHIA directors made the final decision for this increase at their quarterly Board of Directors meeting held Tuesday, December 8.

President Samuel Shenk stated, "This increase was needed to sustain the costs of the program." He added that the 3 cents is a small increase for the farmer averaging \$1.75 to 2.00 per herd.

Owen McCullough of Newville was hired as a part-time tester for the county. Shenk commented, "If McCullough adds enough herds to

the program, it will be feasible for the county to start another circuit."

The Board discussed the problem of oxytocin use in several testing herds. Shenk said that the dairymen were notified that the use of the drug is against state and national rules and must be stopped. He added that the cows displaying the use of the drug will be averaged and not tested.

A change will appear on the DHIA newsletter. The next newsletter will show the top 20 to 25 cows in the county compared to previous newsletters only publishing the top 10.

Cumberland County's DHIA quarter ended in November with the completion of 142 herds. The 142 herds total 8,577 cows on test.



A \$6,600 was high for this heifer, Stonerdale Chief Darla, consigned by Titus Stoner, of Landisville.

Enough land?

(Continued from Page A16)

crop acreage remained fairly stable. Sources of these productivity gains included new technology, low-priced energy, and expanded irrigation. Some observers add that agricultural productivity has also benefited from unusually favorable weather.

Some of these past sources of productivity may now be history — low-priced energy, for example — and the continuation of others, like irrigation and good weather, is highly questionable. Some stress that new land brought into crop production will naturally be more erosive than current crop acres. Erosion, in fact, is now cited frequently as a major potential cause of reduced productivity,

possibly leading to a reduction in usable crop acres.

On the other side of this issue are those who foresee new sources of productivity growth to replace those of the past. Through genetic engineering and other technological breakthroughs, they visualize new plant varieties leading eventually to a doubling or tripling of yields.

With adequate economic incentives, the odds are that sufficient cropland will be available to meet future demands, especially domestic needs, certainly for the rest of this century. But progressively higher economic incentives will be necessary to bring new land into production.



This third generation excellent, Tall-Spruce Kelly Ideal, was purchased for \$11,000 by Carlos and Douglas Long, Clayton, Mich.

Longhorn breeders realize 25 percent membership increase

CALHAN, Co. — The 18th Annual Texas Longhorn Breeders Association of America convention tallied a record increase in membership this year at 25 percent, according to J. Patrick Buchen, executive director of the Association.

Bill R. Anthony, Ardmore, Oklahoma, was elected for his second term as president representing over 1,600 members across the United States and around 40,000 registered Texas Longhorn cattle.

Buchen recorded close to 400 new members joining in the first quarter of TLBAA's fiscal year. He predicts the association will be registering 16,000 annually by 1984, with registration up 5,000 in 1980. He also noted that membership had doubled in the last couple of years.

"At sales this year, we have seen prices rise 30 to 40 percent from last year's prices," said Buchen. "Many sales average over that percentage. The latest major sale averages have been \$5,700, \$4,300

and \$4,800. This is phenomenal since ten years ago, the same sale average for top cows was at \$500."

The rise in popularity, said Buchen, has to do with the genetic traits the cattle have to offer the beef industry. Calving ease, high disease resistance, high browse utilization, longevity, high fertility, and hardiness in general have cattlemen taking a serious look at incorporating Texas Longhorn blood into their herds.

At the convention, other top officers were elected for the 1982

term: First Vice President L.V. Baker, Elk City, Oklahoma; Second Vice President Jack Johnson, Estelene, Texas; Secretary-Treasurer Bill Clark, Nacogdoches, Texas. New Board of Directors elected were: C.J. Frantz, Perryton, Texas; Gene Bartnicki, Aquilla, Texas; Dave Evans, Cuchara, Colorado; H.C. Carter, Austin, Texas and Harmon Knight of Pasadena, Texas.

Members of the Board of

Directors also remain: Darol Dickinson, Calhan, Colorado; Ken Humphrey, O'Kreek, South Dakota; T.D. Kelsey, Ramah, Colorado; Earl McConnell, Paulina, Oregon; Alan Sparger, Jr., D'Hanis, Texas; Frank Doherty, Ft. Scott, Kansas; C.R. Chuck Johnson, King City, California; Jack Montgomery, Yuma, Colorado; Red McCombs, San Antonio, Texas; and M.P. "Chico" Wright III, Robstown, Texas.

Farm Show evening events feature variety

HARRISBURG — A highlight of any visit to the Farm Show is a trip to the large arena to see the evening entertainment. Pennsylvania Agriculture Secretary Penrose Hallowell today announced the schedule of evening events for the 1982 Pennsylvania Farm Show, January 10-15.

"We are pleased with the variety of events and entertainment at the Farm Show this year," Hallowell said. "From country music to huge draft horses, there is something for every member of the family, making the evening activities a good way to finish the day at the show."

Monday night, January 11, is the traditional Secretary of Agriculture's Night. Highlighting the evening's activities will be a concert by famous female country/western singer Tammy Wynette. Ticket prices are \$10, \$8, \$6, and \$4 and will be available in advance.

During the Monday night program, Secretary Hallowell will present the prestigious Farm Show Family of the Year Award to the Farm Show family which best represents the spirit and dedication that has come to be recognized as a strength of Pennsylvania agriculture. The family is selected for its record of success in exhibition at the Farm Show.

Also being presented will be the

Pennsylvania Agribusiness Award, an award initiated at last year's Farm Show to recognize the agriculture-related business which has done the most to promote state agriculture, and the Senior Farmer Award, for the oldest farmer in attendance at Farm Show.

Tuesday night is Master Farmers Night in recognition of those farmers who receive the coveted Master Farmer's Award. Beginning at 6:15 p.m., visitors will be entertained by the Future Farmers of America Band Concert. The concert is followed by the

Folk Dance Festival and Contest at 7:30, the largest square dance in the nation with about 480 contestants.

Horses and sheep will be in the spotlight on Wednesday evening. Magnificent draft horses will strain at the reins in the large arena beginning at 4:30 p.m. as they compete in the Championship Horse Pulling Contest. Both lightweight and heavyweight divisions will be featured with a six-horse hitch demonstration taking place during the

termination.

In the small arena, beginning at 6 p.m., the Third Annual Northeast Regional Sheep to Shawl Contest will be held. Teams will compete for over \$600 in premiums, as they turn wool from a sheep into a shawl, with judging based on speed, design, spinning and weaving. The finished shawls will be auctioned off following the competition.

Thursday night is another night for horse and pony lovers with the Cumberland County 4-H Horse and

Pony Demonstration kicking off the evening at 5:30 p.m. The fourth annual Pony Pulling contest, sponsored by the Keystone Pony Pullers Association, will begin at 7 p.m. The contest features events similar to those of the draft horse pulling contest.

The great variety of evening entertainment makes the Farm Show just a little bit more special — a treat for the entire family from the opening of the doors early in the morning till late at night as the dust settles in the large arena.

USDA to open plant protection office in Peru

LIMA, Peru — Peruvian and United States officials recently signed an agreement establishing an area headquarters office in Lima for U.S. Department of Agriculture plant protection and quarantine activities that will be conducted in cooperation with South American countries.

The agreement was signed by Niels Ericson Correa, minister of agriculture for Peru, and Harry Mussman, administrator of USDA's Animal and Plant Health Inspection Service, the agency that will operate the office.

U.S. Ambassador to Peru Frank V. Ortiz, U.S. Agricultural Attache

Norval E. Francis and Peruvian officials were present at the signing ceremony.

"The area office is being established in response to recent expansion in international travel and trade that has sharply increased the risk to all countries of spread of destructive agricultural pests and diseases," Mussman said.

"U.S. specialists in the office will work closely with the South American counterparts to minimize the risk in the Western Hemisphere. Their work will expedite movement of agricultural commodities between Latin

America and the United States and keep cooperating countries better informed of hazardous pest and disease situations throughout the world," he said.

The area office staff will work with South American specialists to develop a system for collecting and exchanging information about Latin American plant pest and disease conditions. Mussman said they will also have access to similar information worldwide. They will devise a system to communicate this information to cooperators and thus permit them to react quickly to situations that threaten their agricultural industries.

The headquarters staff will also work with Latin American officials to assure that shipments of U.S. agricultural commodities meet the inspection and quarantine

requirements of South American countries.

Some Latin American commodities destined for the United States will be certified by the area office in the country of origin as free from pests and diseases. This procedure helps avoid time-consuming inspection after shipments arrive in the United States, yet provides effective protection against entry of exotic pests and diseases, Mussman said.

The area office will maintain close liaison with the Food and Agricultural Organization of the United Nations, Junta del Acuerdo de Cartagena (Andean Pact Countries), the Inter-American Institute for Cooperation in Agriculture and other international agriculture and other international agricultural organizations, Mussman said.



THE FARM CREDIT ASSOCIATIONS OF PENNSYLVANIA



We who are associated with the Farm Credit Associations throughout the Commonwealth want to take this opportunity to wish you a very Merry Christmas. We are proud of our long-standing relationship with agriculture in Pennsylvania and want to thank our members for their continued support. A reminder to do your tax planning before this year closes and a wish for health and prosperity in the coming year...

FARMING
spoken here



Joint Land Bank and PCA Services



PICK-UP STAKES

Pick up your pickup... with a New LAMCO Tough Stake™ pick-up body.

CLASSIC WOOD STAKE BODY
FOR ANY SIZE PICK-UP
FULL SIZE 8' LONG
DROP TAILGATE STANDARD
PRACTICAL AND USEFUL
DIFFERENT AND
DISTINCTIVE
Short beds available for runt trucks, or other "specials" made.

Get the full story at your LAMCO truck body dealer or Salesman.

Plenty of room for those tough jobs, too. (The day before the picture was taken this one had two cords of wood on.) The southern hard pine floor and hardwood oak stakes and pockets really take a beating — and they don't rust.

Show your hard working pickup what a truly beautiful body looks like — a Tough Stake™ body by LAMCO.

WALTER LENKER
215-265-9191

FRAN JOHNSON
315-497-1890

LAMCO MANUFACTURING
DISTRIBUTING COMPANY, INC.
LOCKE, NY 13092 - 315-497-1890
Manufacturers of the famous LAMCO Forage Boxes

Harkin draws line on Farm Bill

WASHINGTON, D.C. — U.S. Congressman Tom Harkin (D-5th Ia.), said Tuesday he will oppose the 1981 Farm Bill on the House floor if White House "edicts" to cut corn, feed grain, and dairy price support levels prevail.

He said the "edicts" are changing the legislation into a "Farm Bill which isn't a farm bill at all. It does nothing to help farm economics which are already stretched to the breaking point."

Harkin is the only Iowan named to the House-Senate Conference Committee now meeting to iron out

differences between each chamber's version of the important farm legislation. Senate conferees continue to insist on the White House plans and the conference has been deadlocked for about two weeks.

Harkin has emerged as a leading supporter of adequate farm price supports in the committee, and his opposition on the House floor to the overall package would be significant.

At Tuesday's meeting of the conference, Harkin noted an "alarming increase" in small

business failures in Iowa farm communities. "They are closing their doors because farmers aren't buying," Harkin said, "and farmers aren't buying because they are not making any money. Yet, the White House and OMB (the Office of Management and Budget) demand we accept further cuts in price support levels which have already been reduced to dangerous levels."

"I, for one, refuse to pull the rug out from under our farmers and the small businesses and industries which depend on them

simply so this Administration can use the money to pay for its Trojan Horse tax cut for the rich, its windfall give-aways to giant corporations, and its staggering arms build up," Harkin said.

Harkin took issue with Senate conferee Bob Dole (R-Kan.), who had earlier urged House conferees to accept the White House and Senate changes, arguing the question was now one of "getting a Farm Bill or not getting a Farm Bill."

"This is a vote 'for' or 'against' a strong rural America," Harkin

responded. "I will not support a Farm Bill which is nothing more than a blueprint for disaster."

At Tuesday's session, House conferees rejected the latest White House-Senate plan. They accepted an amendment offered by Harkin to ensure loan funds which will be repaid by farmers this spring under the Economic Emergency Assistance Loan Program, will be kept available for new loans to other farmers who need emergency assistance, rather than being transferred into other unrelated government budget accounts.

Mushroom growers select \$100,000 committee

KENNETT SQUARE — An election was held at a mushroom industry meeting here on Monday night to select the committee that will distribute the \$100,000 raised for the Fresh Mushroom Merchandising Plan. Approximately 175 people attended the meeting.

Elected to the committee were

Joe DiNorscia, Jr., Nick Basilio & Son, Kennett Square; William Lane, Butler County Mushroom Farm, Inc., Worthington; John Caligiuri Jr., John Caligiuri, West Grove; Ming Chen, Ming H. Chen, Christiana; Emidio Frezzo Jr., Emidio Frezzo Jr., Inc., Toughkenamon; Phillip Lafferty Sr., Phillip Lafferty, Inc.,

Toughkenamon; Steve Pizzini, S. Pizzini & Sons, Inc., Landenberg; Jim Roberts, L.F. Lambert Spawn Co., Coatesville; Ernie Leone, Mushroom Central Chemical Supply, Kennett Square; Richard Swift, National Bank & Trust Co. of Kennett Square, Kennett Square; James Nealy, Southeast National Bank of Pa. Kennett Square; and

Phil Pusey, Chester County Mushroom Sales, Inc., Avondale.

The FMMP committee will meet regularly over the next few months to select one of five merchandising proposals and see to the distribution of the FMMP money.

The American Mushroom Institute initiated the FMMP in

September as the first step toward expanding mushroom merchandising efforts. The long-range goal is to obtain a federal marketing order solely for the promotion of mushrooms.

"Our industry is pulling itself up by its own bootstraps," said Jack Kooker, executive director of the AMI. By November 30, 1981, \$100,000 was raised for the FMMP from voluntary contributions.

Money came from growers, buyers, shippers, suppliers — even supplier's suppliers and funeral directors. People not directly involved in the mushroom business were willing to contribute to the FMMP because of the mushroom industry's importance to the economy of this area. The money will be spent on an intensive, short-range merchandising program in the Northeast corridor.

Although the American Mushroom Institute organized and planned the FMMP, the program is not limited to AMI members. The FMMP is an industry venture designed to aid everyone involved in the mushroom industry.

Berks announces election results

LEESPORT — The results of the balloting for the 1982 Agricultural Stabilization and Conservation Service Community Committee are as follows:

The ASC Community Committee assists the Berks County ASC Committee, presently Mark S. Balthaser, R1, Bernville; Lester W. Gelsinger, R1, Robeson; and Wilson H. Rohrbach, R1, Mertz-town in the administration of farm programs in Berks County.

One of the first duties of the community committee is to attend the County ASC Convention next Thursday, December 17, 1981 at 10 a.m. at the Berks County Agricultural Center. The purpose of the convention is to elect a man for a three-year term on the County Committee and to elect the first and second alternatives to serve for 1982.

The ASC County Committee presently is administering the Agricultural Conservation Program including long term agreements and annual agreements, the commodity loan

programs at 14½ percent interest, farm storage and dryer facility loans at 14½ percent interest, and the wheat and feed grain programs. They also administer the wool, USDA emergency and defense programs and monitor farm supplies as needed.

COMM 1 - Bethel, Marion, Tulpehocken
Frederick J. Bohn, Donald E. Landis, Bruce T. Moyer, Paul Troutman, Martin C. Moyer

COMM 2 - Jefferson, Upper Tulpehocken, Penn.
James R. Yost, LaVerne C. Koenig, Charles D. Moyer, Harvey C. Krill, Jr., Evald B. Wicks

COMM 3 - Tilden, Upper Bern, Center
Roscoe Haag, Donald E. Lutz, Nicholas Kopicz, John M. Hix, James Riegel

COMM 4 - Perry, Windsor, Ontelaunee, Bern, Muhlenberg
Robert L. Seidel, Ernest H. Epting, Ronald Weyer, Harry R. Kauffman, Matthew L. Degler

COMM 5 - Albany, Greenwich
Clyde K. A. Bayer, Brian A. Bond, Ralph G. Sanner, Richard C. Wieder, Carl S. Miller

COMM 6 - Longswamp, Rockland, District, Maxatawny, Hereford

Charles A. Savidge, Earl W. Latshaw, George R. Delong, Harold L. Angstadt, Gordon G. Gruber

COMM 7 - Richmond, Maiden Creek, Ruscombmanor

Kermit C. Schlegel, Leroy J. Biehl, Feryl J. Treichler, Warren W. Berger, Arthur F. Hoch

COMM 8 - Oley, Pike, Exeter, Alsace, Lower Alsace

Daniel E. Levensgood, Mark G. Hoch, David Hausman, Marlin R. Stoltzfus, Early Mensch

COMM 9 - Colebrookdale, Douglass, Earl, Amity, Washington

Earl R. Hafer, Wilson R. Hoffman, Ralph T. Spencer, Ralph Drey, Frederick J. Walters

COMM 11 - Caernarvon, Robeson, Union, Brecknock, Cumru

Gregg Eshleman, David O. Shirey, David L. Glass, Samuel A. Schlouch, Vernon K. Beiler

COMM 12 - North Heidelberg, Heidelberg, Lower Heidelberg, Spring, South Heidelberg

Charles R. Kissling, Norman H. Bare, Edwin E. Gelsinger, Forrest Stricker, David A. Schaeffer

Red Rose Alliance to meet

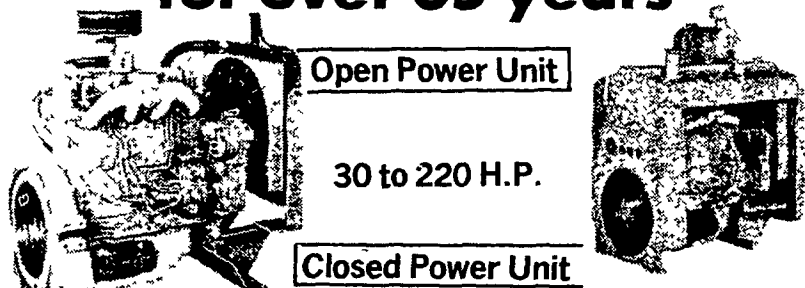
NEW HOLLAND — The Red Rose Alliance will meet to continue discussion on the proposed location of a hazardous waste disposal

facility on the Narvon Mine site at 7:30 p.m. Thursday at the Liberty Fire Hall, New Holland. The public is invited.



**READ
LANCASTER FARMING
FOR COMPLETE
AND UP-TO-DATE
MARKET REPORTS**

WHITE ENGINES Powerful Performers for over 65 years



Ideal for shops, agricultural generator sets, equipment, etc.

**You Can Bank on White Engines
Quality and Performance**

Let Us Know Your Service Problems
24 Hour Service - Check Our Prices

DISTRIBUTOR:

HOOVER DIESEL SERVICE

PH: 717-655-6133

2998 West Newport Rd.

Ronks, Pa. 17572

2½ mile East of Leola - Along 772

DEALER INQUIRIES INVITED

DEALER:

B.B. DIESEL SERVICE

PH: 717-786-2173

RD 3, Quarryville, Pa.

2 miles west of

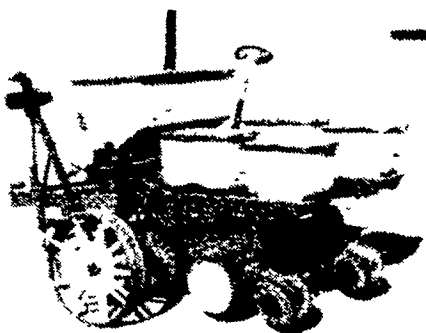
Georgetown on

Furnace Road

Max-Emerge Cornplanters 2 Row Custom Built Optional Equipment

No-Till Coulters
Insecticide Attachments
Hydraulic System
Steel or Rubber Tires

5% Discount on orders paid by 1-15-82.



GIDEON F. STOLTZFUS

R.D. 2 Gap, Box 2276 17527 Pa.

1½ Mi. N. of Gap along Rt. 897 Lanc. Co.

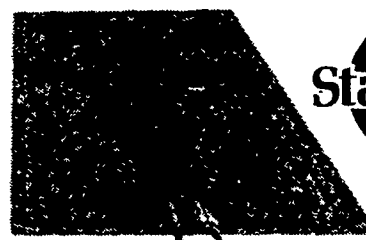
Quality
Stanfield
Product

CREEP FEEDER

Includes:

- Large open feed pan to simulate floor feeding.
- Sturdy aluminum bracket for quick feeder in-and-out
- Generous 1¼ gallon hopper capacity.

Not just another creep feeder! A farm tested natural way to start two and three day-old pigs on solid feed. Pigs learn to eat creep feed before weaning. So you wean faster and pigs do better under less stress.



Quality
Stanfield
Product

HEAT PADS

For Farrowing Crates And Nursery
With Stanfield Surface, Draft Barrier
Cleats, Twin Cords.

Swine Systems

FARMER BOY AG.

457 E. MAIN AVE., MYERSTOWN, PA 17067

½ Mile East of Myerstown

717-866-7565



What You Should Know About Swine Health

by Glenn Shirk
Lancaster Extension Agent

Winterize your swine herd

(Editor's Note - This is the second article in a series on swine health problems and solutions.)

Swine producers should begin to anticipate winter management and health problems as the season approaches. By planning now some of these problems can be averted. The common problems encountered during the winter include cold floors, poor ventilation and disease problems such as TGE, pneumonia and scours. Here are some ideas on how to winterize your swine operation to minimize these problems, offered by Extension swine specialist Matthew Parsons.

Minimum ventilation equipment should be checked to see that it is operating properly. Minimum ventilation fans may not have been used during the summer or in some

cases these may have become inoperable, but were not noticed during the summer when other fans were moving large amounts of air.

Also check to see that there are no obstructions such as rat nests in ventilation ducts. Air inlets should be checked closely to see that they have not deteriorated to the point where they will not give an even flow of incoming air. Drafts from uneven air flow can stress pigs resulting in flu and scours.

Insulation in the building should be checked to see that birds and rats have not removed large amounts of it. Perimeter insulation should be inspected to see if it has been damaged in the last year. Proper perimeter insulation keeps floors warmer as floor heat from the pigs is not conducted away

from the building. A well insulated building should not have areas of condensation on walls or the ceiling.

Also heating units need to be inspected to see that they are working properly. Check to see that thermostats are still functioning properly, as well as to see that gas and oil fired are firing properly.

In a properly designed and well managed unit you should be able to remove water and noxious gasses while maintaining a constant temperature and a draft free environment for the pigs. In farrowing and nursery units additional heat is generally needed to maintain the temperature while exhausting the moisture and gasses. The minimum ventilation rate needs to be matched with the number and size of pigs in the unit.

A recent survey of swine complexes would indicate that some producers could save on energy costs by correctly matching the ventilation system to the requirements. In this study it was found that many producers were ventilating farrowing houses at three times the required rate. Clearly, this would be an opportunity to decrease the fuel bill and still maintain a good environment by lowering the ventilation rate.

However, lowering the ventilation rate below the required

level can be detrimental. Under-ventilated swine units are generally damp and often cool (especially when the thermostat or the heater has been turned down to conserve energy). In extreme cases condensation may be present on the ceiling and walls.

This type of environment predisposes the pig to scouring problems due to chilling and respiratory problems such as pneumonia and Haemophilus pneumonia. The death loss from scours and Haemophilus pneumonia is often very high. Although pigs that have had flu will generally recover, they are expensive to raise. Pigs that have had pneumonia require about a week longer to get to market and consume about fifty more pounds of feed to get there. It feed costs eight cents per pound and facilities charges are thirteen cents per day then the extra cost per pig is \$4.91 not including treatment costs.

Growing-finishing pigs can stand a wider range of temperatures than younger pigs if the air is dry and the environment draft free. The growing-finishing pig has more insulation, less surface area as compared to body weight and more heat producing capability than younger pigs. As long as the moisture in the air and drafts are controlled to prevent respiratory problems, then the proper environmental temperature is a matter of economics. There is a direct trade-off of feed and fuel over a wide range of temperatures. Between 35 degrees and 70 degrees Fahrenheit growing pigs will improve feed efficiency by 0.1 pound per pound of gain for each 10 degree Fahrenheit increase in temperature.

Sows and gilts, like growing-finishing pigs, can stand a wide range of temperatures. It is important to remember that most sows and gilts are on limited feed intake to control their condition. If sows are exposed to cold tem-

peratures then their feed intake should be increased by a pound or two per day (corn-soybean meal type diet). The condition of the sows and gilts will indicate if they need more or less feed.

During the winter, the reports of sows having rectal prolapses usually increases. Although some strains of pigs are more predisposed to this problem, the incidence of rectal prolapses is increased by the coughing associated with pneumonia and the piling associated with cold sleeping quarters.

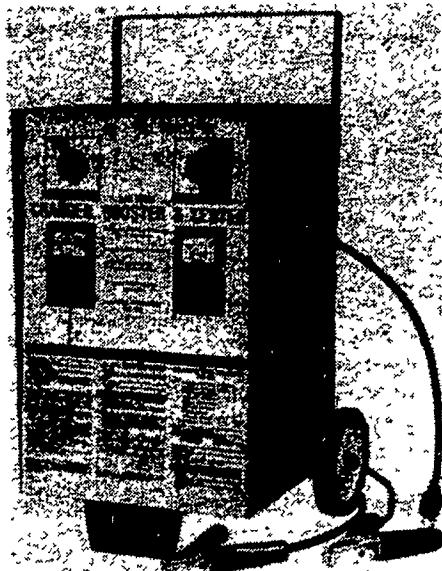
Provide sows and gilts with an adequate warm place to sleep so that they will have ample room to lie down and will not pile up to stay warm. If this is a problem, the environment can be modified by insulating facilities or bedding of sows in facilities that do not use liquid manure handling systems.

Winter generally brings an increase incidence of disease problems. It would be wise to once again review your own health plan. Probably the most talked about winter disease problem is TGE. It has been diagnosed in all months of the year but the incidence generally increased in winter.

The occurrence of other disease problems like scours and respiratory problems also increases in winter. Minimizing environment stress will minimize the chance of these problems developing. However, a good herd health program is also essential for control of all of these problems.

Care should be taken to limit the traffic of people, pets, livestock and birds through your operation. All of these can carry disease problems from other farms to another. Any incoming livestock should be isolated from your herd to determine if they are carrying any disease problems. By taking the simple precaution of developing a closed herd, you will greatly reduce your risk of having disease problems.

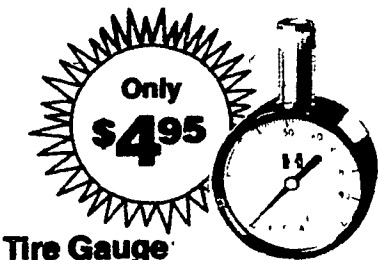
Swope & Bashore, Inc... Your IH PARTS MART!



80-amp battery charger, booster and tester only

***189.95** Save \$81.74

- Charges to 80 amps, boosts to 300 amps.
- Tests alternators, battery charge; 7 other tests.
- Exclusive dual meter design.
- Timer.
- Rugged construction.
- Part number, 1131 855 R1.

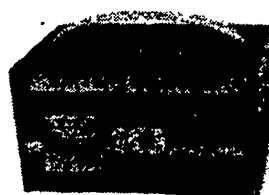


Tire Gauge

**WINTER SPECIAL ON OVERHUALS
CALL FOR A FREE ESTIMATE.**

**SWOPE &
BASHORE, INC.**
PHONE: 717-933-4138

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
Area Codes 215 & 717
Call Toll Free 1-800-692-7467



Special Price *44.95

There's plenty of room under your tree for an IH Battery Charger
SAVE 25%
10-Amp Charger
This household and utility 10-amp charger is an excellent choice for home and farm 407 389 R91.

Save \$14.79



Special Price *99.95

30-amp heavy duty charger with booster
Perfect for farm or home use. Fast charge 30 amps, trickle charge 5 amps. To get going fast, boost delivers 200 amps. 407 391 R92

Save \$41.31

A splendid way to play Santa... with a battery booster cable.

- No-tangle color coded 12-ft cables and clamps.
- Copper plated steel jaws. All copper wire.
- Insulation flexible to 70° below.
- Part no. 549 293 C92

Special *16.49

Save \$5.51

Utility Light

Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet, comfortable finger grips. 25-ft cord 1131 503 R1

Special *9.95
Save \$1.00



Pa. broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending November 28 were 2,229,000, according to the Pennsylvania Crop Reporting Service.

The placements were four percent above the corresponding week a year earlier but one percent below the previous week. Average placements during the past nine weeks were one percent below a year ago.

Placements in the 19 key poultry

producing states were 77,992,000, one percent above the previous week and two percent above the same week a year earlier. Average placements in the 19 key states during the past nine weeks were one percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending November 18 totaled 2,021,000, with an average liveweight of 4.06 pounds.

Coming...

M.M. WEAVER & SONS, INC.

Leola, PA

717-656-2321

**ANNUAL YEAR END
SALE & OPEN HOUSE**

**ON PARTS - NEW & USED
EQUIPMENT**

**CHECK CLASSIFIED SECTION C
FOR DETAILS IN NEXT WEEK'S
ISSUE OF LANCASTER FARMING**

Perry County study eyes ag land protection

NEW BLOOMFIELD — Just how important is agriculture to Perry County?

The comparison of just one economic statistic amply illustrates farming's importance to the largely rural county northwest of Harrisburg.

The value of products from the county's 175 dairy farms — just one segment of Perry's total agriculture — tops \$14 million.

In comparison, production in the county's largest non-agricultural industry, apparel manufacturing, is valued at less than half that figure, or about \$5.6 million.

In a nutshell, this comparison illustrates why the Perry Conservation District has published an extensive study entitled "Agricultural Land Protection" and is staging an explanatory slide program to explain the need for such protection and preservation to various citizen groups throughout the county.

The study, prepared by Ted Furry, Executive Assistant of the Perry Conservation District, basically spells out an inventory of agriculture in the county, outlines methods and techniques of agricultural land protection that are available and recommends certain public participation that is needed to bring about such protection.

Under the ag inventory, the study points out that the number of farms in the county dropped from more than 1,600 in 1954 to 734 in 1978. And, during the same period, the total acreage of farmland decreased from 180,000 to 123,000.

As the slide program states:

"The time to save our good land for agriculture is now. Population has increased in all 21 townships, assessments have increased but the acres of farmland has decreased. For some townships, planning for continued farm development is already too late to protect the better land."

Average population density in the county has increased to about 60 people per square mile.

The study points to those townships in Perry which have the lower population densities which have a greater potential for agriculture. These include such townships as Jackson, Madison, Centre, Spring, Miller and Tyrone.

Among the possible ag land protection measures that are available, as cited in the study, are the various measures passed by the State Legislature in recent years, zoning and deed restriction.

Under recommendations, the study urges that local municipalities in the county:

—Develop and maintain public support in favor of ag land protection.

—Establish the importance of agriculture in each of the municipalities.

—Locate and identify essential agricultural lands.

—Create fair and equitable regulatory policies.

The protection of farmland in Perry has already received significant public sentiment in the county.

In 1979, at a public meeting in

New Bloomfield the number one concern was the loss of farmland.

A survey also showed that some 80 percent of people in the county feel that the preservation of farmland will require a high priority in the coming decade.

And, as the Perry Conservation District's explanatory slide

program concludes:

"The recent economic conditions of increased interest rates and the inflationary petroleum prices have accomplished almost overnight in Perry County a controlled growth movement.

"A time to catch our breath.

"Will Perry County in future

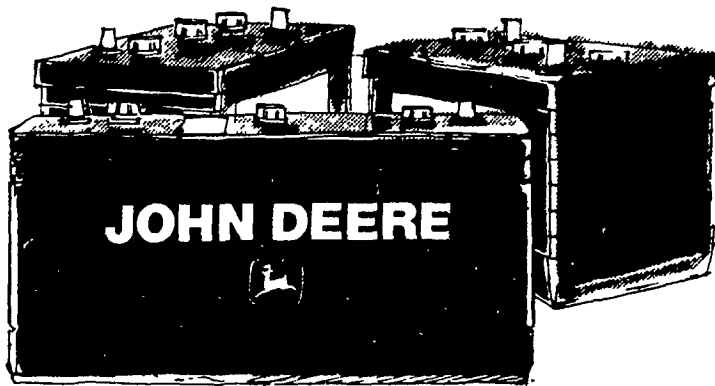
years have a planned agricultural community in a rural-urban environment?

"Or will Perry County have a sprawl type development of houses?"

"The choice lies with the resident people and the local governments."—DA

TRADE UP TO A JOHN DEERE BATTERY

SAVE 25% on all batteries with trade-in



Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery. It doesn't matter what condition your old battery is in, either. We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more. John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting. It's epoxy-bonded to a hard rubber case for durability, long life and easy maintenance.

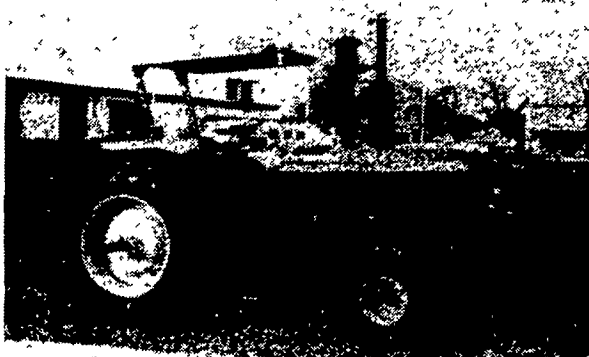
Free battery check-ups on any type of machinery while offer lasts. No limit to number of batteries that may be traded in for another.

Act now. Trade-in offer ends 12/19/81

NOTHING RUNS LIKE A DEERE®



Super Sharp Used John Deere Tractors



John Deere 6030
175 H.P., Dual Remote, Front Weights, Rear Weights, Three Point w/Quick Coupler, PTO, Roll-Guard
PRICE... \$17,350.00



John Deere 4430
Quad Range, Sound Guard w/Radio & Tape, Air & Heat, Dual Wheels, Three Point w/Quick Coupler, Auxiliary Fuel Tank, Rear Weights, Dual Remote - 2170 Hours
PRICE... \$20,750.00



Gehl 6' Chopper
\$950.00



Schultz Chopper
\$1,150.00



New Idea Cutditcher
\$1,450.00



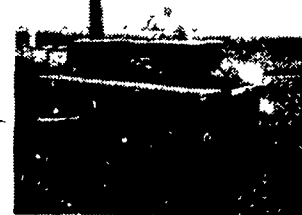
Taylor Way Disk w/Cushion Gangs
Like New... \$2,850.00



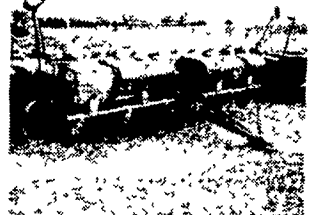
Oliver 13x7 Grain Drill S.D.
\$675.00



IH Air Planter Six Row w/Population Monitor, Insecticide
REAL SHARP \$2,650.00



A.C. Air Planter No Till Like New w/Monitor
\$4,850.00



John Deere 1250 Six Row Plateless Planter, Insecticide Attach., REAL SHARP
\$4,350.00



Evergreen Tractor Co. Div.
30 EVERGREEN RD., LEBANON, PA 17042
PHONE (717) 272-4641

AUTHORIZED
SPERRY-NEW HOLLAND
PARTS and SERVICE

SEARCHING

FOR A
GOOD
BUY?
YOU'LL
FIND IT
IN
CLASSIFIEDS



IH ATTACKS YOUR TWO BIGGEST PROBLEMS

A lot of farm equipment dealers say they're going to help you out today. But then they only go half way.

Not IH. We've mounted an all-out attack on your two biggest problems — low commodity prices and high interest rates — to really help you so you can afford the new equipment you need and want.

Get More For Your Crops.

Now IH will give you an extra 20% cash allowance for your crops! Twenty percent more than the price you tell us you get at your local elevator. For example, if you can sell corn at \$2.56 a bushel, the IH 20% bonus will make it \$3.07. In figuring your crop bonus, the value of the crop plus 20% cannot exceed one-fourth of the sale price of the new International equipment you buy.

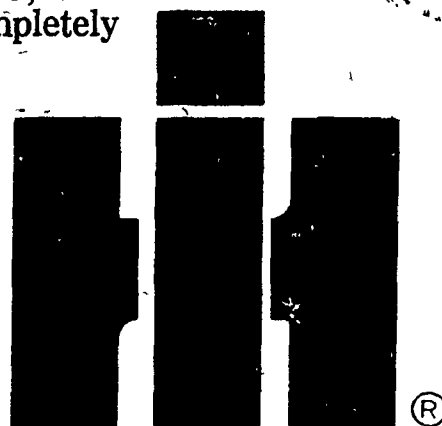
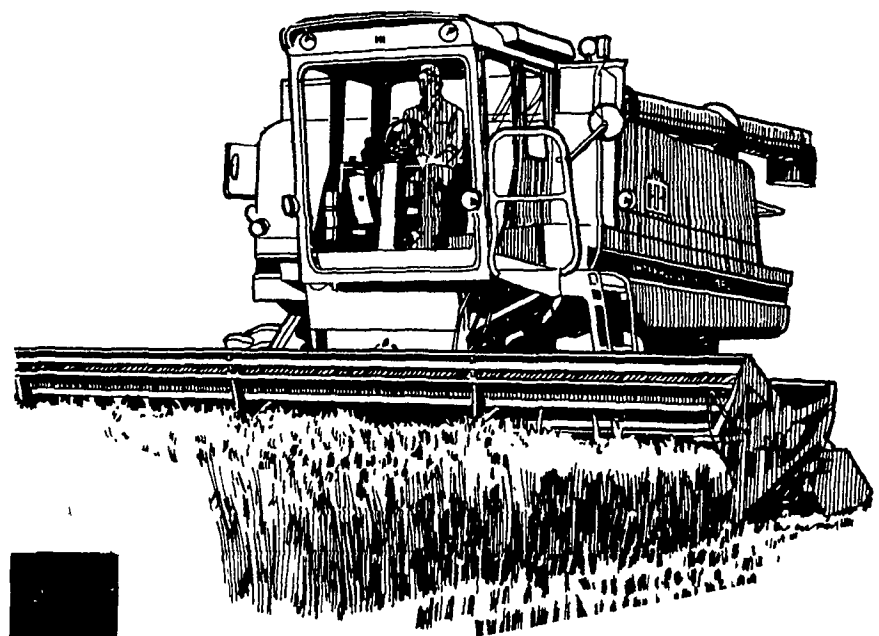
Pay Less Interest.

To sweeten the deal, we'll give you a big break on interest rates, too. You can receive a low 13.5% APR guaranteed for three years. Or, we'll waive your regular interest payment completely until next season.

See your participating IH dealer now! This offer is good only on new equipment purchased and delivered before January 29, 1982. International equipment — the great machines that are more productive, and now more competitively priced than ever before.

Get the Red Edge.

With IH as your partner helping you fight high interest and low crop prices, you can't lose.



**INTERNATIONAL
AGRICULTURAL
EQUIPMENT**

**SEE YOUR IH DEALER TODAY
FOR COMPLETE DETAILS**

**CLARENCE WILSON
& SONS**

Kimberton, PA
215-933-3581

**R.T. MARKLE
FARM EQUIPMENT INC.**

1841 Pine Hall Drive
State College, PA 16801
814-237-3141

**R.S. HOLLINGER
& SON**

Mountville, PA
717-285-4538

**HICKORY
INTERNATIONAL
INC.**

Route 1 Hickory
Bel Air, MD
301-838-4200

**MELVIN J. SHEFFER,
INC.**

121 Railroad Street
Hanover, PA
717-637-3808

**SWOPE & BASHORE,
INC.**

Myerstown RD 1 (Fryshtown)
717-933-4138

**DOMBACH EQUIPMENT,
INC.**

McAlisterville, PA
717-463-2191

**MESSICK
FARM EQUIP.**

Rheems Exit Rt. 283
Elizabethtown, PA
717-367-1319

**ERB & HENRY EQUIP.,
INC.**

22-26 Henry Ave.
New Berlinville, PA
1 Mile North of Boyertown
215-367-2169

**WM. HOBENSACK'S
SONS**

1060 Greeley Ave.
Ivyland, PA
215-675-1610
215-343-2101

C.B. HOOBER & SON

Intercourse, PA
717-768-8231

**BIGGS
INCORPORATED**

34 Buckley Ave.
Rising Sun, MD
301-658-5531

**LAMB'S
FARM MACHINERY**

Thorndale, PA
215-269-2676

**M & R
EQUIPMENT, INC.**

New Park, PA
717-993-2511

FARM-RITE INC.

Shiloh, NJ
609-451-1368

NORMAN BRIGHT

New Egypt, NJ
609-723-0300

**MIFFLINBURG FARM
SUPPLY**

Route 45
Mifflinburg, Pa.
717-966-3114

INCH EQUIPMENT CO.

Box 147
Dalmatia, PA
717-758-3021

**L.L. ECKROTH
FARM EQUIP., INC.**

RD 2, New Ringgold, PA
717-943-2367

**C & W
EQUIPMENT, INC.**

260 York Rd.
Carlisle, PA 17013
717-243-4419

VOUGH & SONS, INC.

Bangor, PA
215-588-5922

**RINGTOWN FARM
& EQUIPMENT**

P.O. Box 602
Ringtown, PA
717-889-3184

1,000 Young Farmers conclude national institute

(Continued from Page A1)

From the time the state flags of these visiting Young Farmers were paraded into the ballroom at Saturday night's opening banquet until the closing luncheon Wednesday afternoon, the delegates were treated by the Pennsylvania YF group to a varied and worthwhile program.

On Saturday night, three new Spokespersons for Agriculture were selected in speaking competition among representatives of 19 states.

Winners were Carey Davis, of Sheridan, Ind.; Dick Helms, of Arapahoe, Neb.; and Gerald Garber, of Weyers Cave, Va.

The three spokespersons will now participate in a week-long "speaking blitz" to three metropolitan cities. In the visits to the cities, sponsored by Elanco, the trio of Young Farmers will carry their message of promoting a better understanding of agriculture to news media and consumers in the big city areas.

Speaker at the opening banquet was Pete Wambaugh, originator of the "It's a beautiful day in Pennsylvania" radio series. Wambaugh took the audience of visitors on a historical tour of the Commonwealth, pointing out that no matter where you're from, you likely have roots in Pennsylvania.

Sunday night's banquet featured the history of the National Educational Institute, which was also held in Pennsylvania back in 1969. Among those persons instrumental in the early development of the National Educational Institute was Forney Longenecker, of Lancaster.

The Ephrata Young Farmers also hosted an "ice cream smorgasbord" for the institute participants on Sunday night.

Also on view at the institute was a trade show of exhibits by various agribusiness firms.

The highlight of Monday and Tuesday's program were bus tours to a number of area farms and

agribusiness companies.

An example of the on-farm visits was that to the Sunny Craft Farm of Earl and Barb Stauffer, R1 Ephrata. Earl is president of the Pennsylvania Young Farmers and served as program coordinator for the institute. Barb was Pennsylvania's contestant in the Spokesperson competition.

At the farm, Earl and Barb introduced the visitors to a registered Holstein operation that stresses embryo transfers and the breeding and merchandising of cattle.

The visitors viewed the bulls housed on the farm enrolled in the National Holstein Association's HSDS Young Sire Program. They also got an opportunity to see the farm's outstanding dam, Hindendale April Mattie (94-3F) and some of her offsprings in the herd that has a BAA of 105.6 and includes five Excellent, 14 Very Good, 12 Good Plus and two Good.

The Stauffer's also have a 28,000 broiler operation.

And as Barb told the visitors:

"It's not that I'm the only one working with the chickens; it's just that Earl stays away from them."

More than one comment was heard from visitors accustomed to more wide open agricultural space about the concentrated farming of the area.

One visitor with a broad-brimmed hat quipped:

"I just don't know how you can stay on about 50 acres for a whole day."

But this was one of the purposes of the on-farm tours — to illustrate the diversification of Pennsylvania agriculture and how it is geared to make the most of the limited land that is available.

Actually, visitors had three different tours in which to participate.

Other stops on the Lancaster tour included the Amish Homestead; the Earl and Evelyn

Landis dairy farm, which also features a vacation-guest program; New Holland Sales Stables; Sperry New Holland; and the Earl and Grace Martin beef operation, which includes more than 500 acres of cropland, only 17 of which are owned.

The Gettysburg tour featured the Mason-Dixon Farm with its methane operation, the National Park and Battlefield and the Eisenhower Historic Site.

In the Berks-Lebanon area, the tour included the dairy farm of Cyrus and Sallie Bomberger, the

Gorgio mushroom operation, the dairy and broiler farm of Lester, Marlin and Earl Smith and the dairy farm of Carl and Marilyn Miller and family.

On the final day of the institute a variety of educational workshops were held covering such topics as energy, marketing, financing, commodity futures, waste management, landuse planning, estate planning and chemical fires.

In addition to the educational, business and tour sessions, a varied social program of entertainment, dances, mixers and

banquets were held.

Members of the Pennsylvania Young Farmers who were involved in the planning and execution of the institute include Stanley Wolf, R1 Ortanna, chairman; William Homan, R1 Center Hall, education coordinator; LeRoy Geesaman, R1 Fredericksburg, publicity coordinator; Earl Stauffer, R1 Ephrata, program coordinator; Richard Hoppes, R2 Hamburg, operations coordinator; Vernon Leininger, R2 Denver, finance chairman; and Thomas Zartman, R1 Ephrata, treasurer.



Members of Pennsylvania Young Farmers and coordinators for National Educational Institute held at Hershey this week include, from the left, LeRoy Geesaman, R1 Fredericksburg publicity; Stanley Wolf, R1

Ortanna, chairman; Richard Hoppes, R2 Hamburg, operations; Thomas Zartman, R1 Ephrata, treasurer; and Earl Stauffer R1 Ephrata, program.



Three members of the Earl Stauffer family climb aboard wagon in implement shed to welcome Young Farm visitors to Sunny Craft

Farm. Family members are Earl, wife Barb and their son Matt.



Lester Smith explains farm's broiler operation, which has a capacity of 100,000 birds, to group of visiting Young Farmers.



Group of Young Farmers gather in dairy barn of the Carl Miller farm in Berks County during on-farm visits.



Earl Stauffer, second from left president of the Pennsylvania Young Farmers, explains the operation of Sunny Craft Farm at R1 Ephrata to group of Young Farmers from Cham-

bersburg. Group was part of large number of visitors to farm during Young Farmer Educational Institute.

Drug residues cause increased carcass condemnation

HARRISBURG — Livestock producers stand to lose both marketing power and dollars because of drug residues in calves being marketed into the food chain, according to State Agriculture Secretary Penrose Hallowell.

"We recently became aware of an increasing problem with drug residues in calves," Hallowell said. "In the last three months alone, one Pennsylvania meat plant has condemned 260 calf carcasses due to drug residues found at slaughter."

"The federal meat inspector on the kill floor especially recognizes drug residues. A discoloration of the stomach is very apparent due to dyes used in the production of oral sulfa boluses which are administered to calves by livestock owners."

Livestock owners using sulfamethazine or sulfathiazole separately or in combination with neomycin for disease control in

newborn calves must observe the recommended drug withdrawal times before marketing calves. "Livestock producers are warned of their liability when these animals are moved into the food chain without proper precautions," Hallowell emphasized.

"It is illegal to market animals containing drug residues above the established Food and Drug Administration tolerances. Meat cannot be sold for human consumption if it contains residues above these tolerances," he said.

USDA estimates that between 10 and 30 percent of all cows showing specific disease conditions at the time of slaughter contain illegal levels of antibiotic residues. Two and one half million dairy cows are slaughtered in the United States each year.

Residue violations found at slaughter are investigated by the Pennsylvania Department of Agriculture's Bureau of Animal

Industry and reported to the USDA-FSIS and FDA. The program is designed to stop violations and to educate livestock producers in the proper use of drugs as well as harmful effects if withdrawal times are abused.

When cull cows and calves are sent to market with drug residues, producers run a high risk of being detected. Packers will quickly learn which producers or dealers are marketing these animals, and may refuse to buy animals from those who have a history of violations, to minimize their chances of having carcasses condemned.

"I urge livestock producers across the Commonwealth to immediately review their use of drugs for disease prevention and treatment," Hallowell said. "First, consult your veterinarian to consider whether antibiotics should be used at all. If you decide drugs are required, know the proper procedure and insist it be

followed by all persons involved with treating your animals. Buy drugs from reputable suppliers and sell your animals only to reputable dealers."

"Complete and accurate records, proper use of drugs, marking and isolating treated animals, checking labels for correct withdrawal time for each drug you buy, whether you use it

for years or for the first time, good administration, and avoiding oral and injection 'double dosing' will all help prevent drug residues in meat," he said.

"Remember, safe meat—like safe milk—is your legal responsibility. Livestock producers must protect their investments or stand to lose markets for their slaughter animals."

Past LMA presidents to be honored

KANSAS CITY, Mo. — The presidents of Livestock Marketing Association since the 1976 merger with the National Livestock Dealers Association will be honored at LMA's 1982 annual meetings.

The special awards ceremony will be held Friday, Jan. 15, at the

Riviera Hotel in Las Vegas, Nev., site of the meetings.

Those honored will be 1976 President Frank E. 'Ed' Durbin, Moline, Kas.; 1977-78 President Loran Casey, Sidney, Mont.; 1979 President Richard L. Nock, Templeton, Cal.; 1980 President Gail Sohler, Yankton, S.D.; and current President Lemmy Wilson, Newport, Tenn.

In 1976, Competitive Livestock Marketing Association and the Dealers Association merged into what is now LMA. "This merger marked a major unification of the livestock marketing sector, and it is only fitting that the contributions that these men have made to the 'Trade Group's growth and success be publicly recognized," LMA General Manager C.T. 'Tad' Sanders said.

Today LMA provides industry representation and commercial services to some 1,700 marketing businesses of all types in the U.S., Canada and Mexico.

The ceremony will take place following the installation of LMA's 1982 officers and directors.

Following the ceremony, the five honorees will each lead a "President's Roundtable" discussion with meeting registrants on "Marketing Business Risks and Management."

Topics will include managing a marketing business in today's economic climate; opportunities facing the marketing sector and how best to pursue them, and the status of legislation affecting marketing.

The meetings schedule, which runs from Jan. 14-16, includes meetings of several of LMA's subsidiary and allied organizations, including the Livestock Laws Reform Commission, Livestock Merchandising Institute and the Livestock Marketing Council.

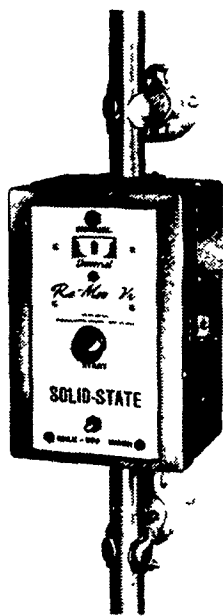
An economic outlook for 1982 will also be featured.

UPDATE YOUR MILKING SYSTEM NOW

For added performance and profit, here are some options to consider.

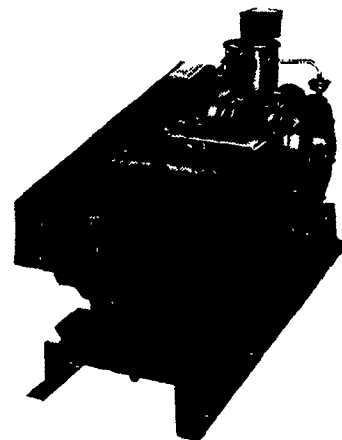
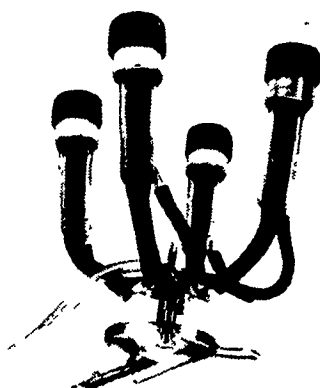
UNIVERSAL MILKER TAKEOFF

• can actually increase production by hundreds of pounds per cow • dual sensing control assures no over- or undermilking (both are major causes of mastitis) • automatically shuts off vacuum when cow is milked out • available for parlor installations (model shown) and now for around the barn pipeline systems



MILKER UNITS

• large capacity, scientifically balanced designs for improved udder adaptability • see-through claw lets you check milk flow • built-in air bleed reduces vacuum fluctuations and gently elevates milk

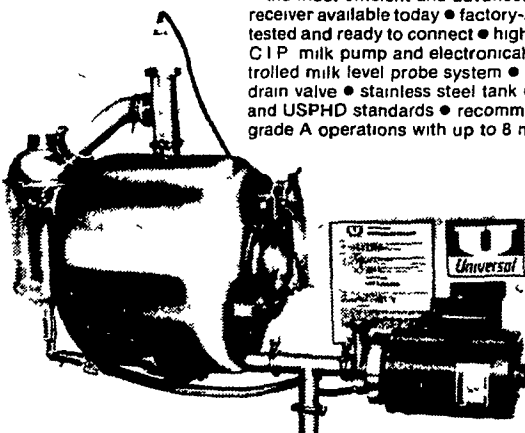


VACUUM PUMPS

• the right pump can increase the efficiency of your whole system • available in 3, 5, or 7 1/2 hp • easily matched to the vacuum requirement of your system

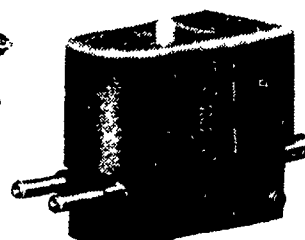
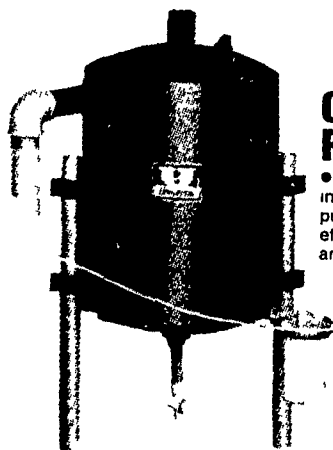
SUPER 1050 PANEL RECEIVER

• the most efficient and advanced panel receiver available today • factory-assembled, tested and ready to connect • high capacity CIP milk pump and electronically controlled milk level probe system • automatic drain valve • stainless steel tank • meets 3 A and USPHD standards • recommended for grade A operations with up to 8 milker units



OIL RECLAIMER

• pays for itself in oil savings, increased pump efficiency and longer pump life • baffled to retain oil more efficiently and to entrap more dust and dirt



24-VOLT SOLID STATE PULSATOR

• solid-state reliability • never needs adjustment • water- and air-tight protects against dust, dirt and moisture • provides individual pulsation control for a single milker unit • built-in circuit breaker

NO NEED TO BUY, LEASE IT!

No big initial investment when you lease through Telemark, Agri-Lease. Check Agway for details.

Agri-Lease

INSTALLED AND SERVICED BY AGWAY

All Agway Installation and Service people are well trained, well equipped, and backed by complete parts inventories for fast repairs.

For details, contact your Agway Farm Systems salesperson, Universal dealer or local Agway store.

IT'S MAGIC
How quickly
You Get Results
From Our
Classifieds!

PHONE
717-394 3047
or 717-626-1164

NEW FEED MIXER

Locally built feed mixer uses giant cement mixer principle. Mixes silage and short feed into one fluffy total blend. Proven to give you better feed conversion. Also great investment. Can pay for itself in 1 1/2 years.

Call or write for feeding and cost saving information.

Send This Coupon To: **FARMERSVILLE MANUFACTURING COMPANY**
RD 1, Box 444A, New Holland, PA 17557
Phone: (717) 354-6148

Name _____

Address _____

Town _____

State _____ Zip _____

Please check your farm operation to help us serve you better.

_____ Dairy _____ Beef _____ Swine

AGWAY answers your needs

AGWAY

D.I. officials predict brighter future for co-op members

BY DONNA TOMMELLEO

GORDONVILLE — Given the present dairy situation, (i.e. record surplus, low price supports) most people involved with the dairy industry have had little to cheer about.

But Wednesday night, some folks attending the District 14 membership meeting of Dairymen, Inc., went home with pieces of optimism passed out by officials of the large dairy co-op's Mid-Atlantic division (formerly Maryland Cooperative Milk Producers).

To be sure, Division Manager Ralph Strock and President Fred Butler didn't begin the evening by painting a rosy picture. In fact, at times their remarks seemed as gloomy as a ghost town.

"The dairy industry is boiling like a witch's caldron. And its fires are being fed at the national and

local levels," Strock announced.

Strock explained the national "fires" materialized as the federal farm program, dairy price supports and the school lunch program to name a few.

The local coals surfaced on the apparent wave of co-op mergers or talks of mergers in the Northeast.

Strock explained such moves would signal, "far reaching changes in marketing institutions." He predicted that producers would operate in a climate of change next year.

Most people attending the membership meeting were not strangers to change. Less than four months ago, they, along with the majority of the MCMP membership, voted overwhelmingly in favor of a merger with Dairymen, Inc.

One major change that accompanied the merger was a

mandatory advertising and promotion assessment for all Dairymen members.

The program removes a 8.1 cents per hundredweight of milk. Unlike the Federal Order 4 program, which producers may request their assessment at the end of the year, the Dairymen program is nonrefundable.

Strock criticized the Federal Order system due to a significant drop in member participation. He explained that at the programs inception, producer participation started at 98 percent. However, a steady increase in refunds has reduced the numbers to 72 percent.

"I don't think the Federal program has a long term opportunity to live. How long can the program last with a steady drop each quarter?"

"People like to see some element of fairness. In the Dairymen program, all producers pay the same."

The division manager further explained that the Dairymen program will benefit its members because it is so closely allied with brand name programs.

Strock remarks were laced with optimism when reporting the large co-ops role in the future.

"Dairymen, Inc. plans to be in the milk business for a long time," Strock commented.

He noted that Dairymen along with two other major co-op are discussing the reality of joint export agreements. Citing the New Zealand butter deal, Strock said that producers may be better equipped to handle world market trade than the government.

He said the Dairymen's sterile milk (UHT) plant will further open marketing opportunities for producers. The plant, presently under construction, is slated to open in May 1982.

Mid-Atlantic division President Fred Butler called for unity among

the leadership and membership of all dairy affiliated organizations.

"We must with urgency formulate a program of some nature that will reverse our present problems," reported Butler, who noted that many producers have been isolated from the present problems.

"Do you realize that 60 percent of our excess milk has come from new producers coming into the dairy business?" he asked.

Butler reported that American dairy farmers are milking 800,000 excess cows. If the trend continues, he said, in 1990 there will be 1,722,000 cows in excess.

"I believe that success will not mean the production per cow but rather the cost per pound of milk," stated Butler.

"We are at the cross roads of the dairy business. The decisions we make today will control or destroy the milk business for the next several years."

Lehigh Co. P. Hereford brings top dollar

FLEMINGTON, N.J. — The top-selling Polled Hereford heifer at the Fourth Annual Garden State Classic Sale, held here recently at the Fairgrounds, was a Pennsylvania consignment.

Ernest D. Snyder of Schochary Ridge Farms, New Tripoli, exhibited and sold the Herdmaster daughter to Michael and Maryanne Plesher, Chalfont Farm, Hopewell, N.J. The sale price was \$1,300.

This top-selling heifer was the first-place animal in the presale

show. Another Snyder consignment, a half-sister to this animal, stood in fourth place and sold for \$850.

The steer bringing the highest price at the sale was a consignment from Dunwalke Farms, Far Hills, N.J.

Sale chairman Miguel Garces reported a total of 48 Polled Herefords were sold. The 14 heifers brought an average of \$800 per head while the steers averaged \$400.



Four Dairymen, Inc. officials attending the District 14 meeting on Wednesday, discuss their co-op's role in the future of the dairy industry. From left to right the group includes:

Director - Victor Ziegler; Division Manager - Ralph Strock; Division President - Fred Butler; Director - Ken Groff.

Block meets with ECC president

WASHINGTON, D.C. — Secretary of Agriculture John R. Block was among four U.S. cabinet officers who met with European Community Commission President Gaston Thorn in Brussels, yesterday.

Block said the group discussed trade issues between the European Community and the United States. He said he is particularly concerned about European Community export subsidy policies and measures that limit access to the market for U.S. agricultural products.

Besides Block, the Brussels meeting included Secretary of State Alexander M. Haig, Jr., Secretary of Commerce Malcolm Baldrige and United States Trade Representative William E. Brock.



IDENTIFICATION

Invitation To
MEETING & FARM VISIT
Wed., December 16, 1981
10:00 A.M.

Comments By

- DAIRYMAN OWNER
- NUTRITION SPECIALIST
- EQUIPMENT REPRESENTATIVE

Call for Reservation or Information:

Chester & Cecil Co.
Bill 717-529-2569
Lancaster Co.
Bob 717-299-5160

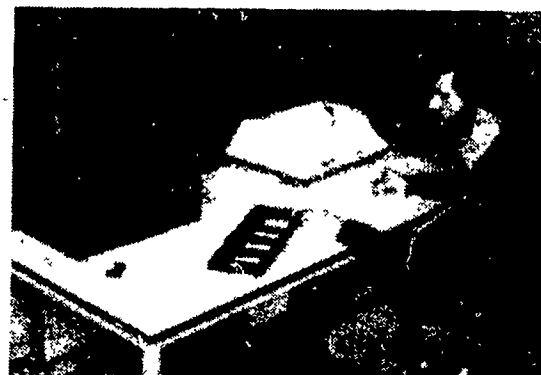
York Co.
Denny 717-766-6723
Adams & Franklin Co.
Ray 717-264-3814

BETA Z COMPUTER

REGAIN CONTROLLED

INDIVIDUAL MANAGEMENT

IN FREE STALL OPERATIONS



W & J DAIRY SALES

1202 Lloyds Rd.
Oxford, PA 19363
717-529-2569

Red Rose DHIA

(Continued from Page A22)

Donald R. Bare	RH	67.4	90.4	17,901	698	Pequea Meadows Fm	R&GrH	70.8	86.3	17,187	646	C. & K. King	R&GrH	68.1	87.7	17,606	622
Ru Be Mar Farms	RH	27.6	82.6	18,595	695	Brubacher & Martin	RH	70.5	86.8	16,727	646	Rhelda & Lynn Royer	RH	53.4	81.0	16,605	622
Tritown Farm	RH	31.1	88.1	19,030	693	J. Wade Groff	RH	50.2	88.0	16,466	645	Amos M. Stoltzfus	RH	38.5	87.8	17,101	621
Robert L. Shelly	RH	37.0	87.6	18,304	693	J. Wilmer Conrad	RH	40.3	85.1	17,500	644	C. Victor Groff	R&GrH	100.6	85.3	16,476	621
Nelson W. Nolt	RH	59.1	88.8	18,198	692	David McMichael	R&GrH	78.0	79.9	17,343	644	Joseph Best & Sons	GrH	102.3	87.3	15,882	621
Earl R. Martin	R&GrH	48.1	81.8	17,254	692	Elam Petersheim	RH	70.6	84.6	17,101	644	Christian Becker	R&GrH	39.8	91.5	15,724	621
Harlan W. Hoover	GrH	29.7	84.8	19,052	690	R. Wenger & D. Hunt	RH	40.6	86.8	17,038	644	Henry S. Lapp	R&GrH	40.5	84.6	16,071	620
K.D. & Elsie Linde	RG	44.2	89.3	14,327	690	Marvin K. Witmer	RH	60.4	87.1	17,860	643	Jonas B. King	R&GrH	58.8	86.4	16,700	620
D. & S. Weaver	R&GrH	49.8	90.1	18,246	686	Earl Smoker	R&GrH	46.4	86.0	17,732	643	Robert Martin	GrH	61.8	84.8	16,612	620
T. & J. Harnish	R&GrH	72.3	85.5	18,076	685	Edgelfield Farms	RH	103.4	87.8	17,393	643	Britain Acres Farm	RH	39.5	82.9	16,934	619
Ellis D. Kreider	R&GrH	57.5	85.7	17,989	684	Shellenberger Bros.	RH	73.9	85.6	17,176	643	Jonas Stoltzfus	R&GrH	229.5	86.7	16,728	619
Cedar Fringed Fm	RG	130.7	85.5	13,982	683	John O. Stoltzfus	R&GrH	33.2	88.4	16,937	643	R. Rohrer & Sons	R&GrH	40.6	88.4	16,695	619
Jacob S. Stoltzfus	RH	42.8	88.4	18,435	680	J. Mowery Frey Jr.	RH	87.7	84.0	16,880	643	C. Witmer Sherer	RH	42.1	86.5	17,934	618
Gerald Martin	RH	49.3	87.4	18,187	679	Meadow Springs Fm	R&GrH	38.9	88.4	16,521	643	Whelsh-Vista Farms	RH	79.3	85.7	16,467	618
Benuel Stoltzfus	R&GrH	42.7	88.1	17,809	679	H. Landis Weaver	RH	58.3	86.6	17,836	642	G. & J. Hershey Bros	R&GrH	60.9	86.2	16,515	617
Harold K. Witmer	RH	33.2	86.7	19,129	678	John L. Landis	R&GrH	202.0	86.5	17,410	642	James C. Weicksel	R&GrH	29.4	91.2	15,610	617
John K. Peters	R&GrH	48.5	86.9	18,366	674	Paul V. Nissley	R&GrH	76.0	83.1	17,270	642	R. Hershberger	R&GrH	56.1	87.9	16,479	616
Jonas O. Sensenig	R&GrH	45.4	86.5	17,503	674	Ben S. Stoltzfus	RH	39.8	84.7	16,753	642	David B. King	RH	40.1	86.5	16,174	616
Jay E. Landis	RH	43.1	88.5	17,568	673	Spring Lawn Farm	RH	134.9	86.2	17,375	640	Roy & Ruth Book	RH	48.0	86.3	16,250	615
J. Musser & Son	R&GrH	52.2	88.2	18,216	672	Paul Rohrer & Sons	GrH	80.1	87.5	17,048	640	John E. Kreider	RH	45.3	88.9	15,573	614
John M. Harnish	RH	172.3	88.2	18,042	672	Ferncrest Farm	R&GrH	50.4	88.7	15,787	639	Kreider's & Nickle	R&GrH	157.1	87.2	17,089	613
Jonas B. Stoltzfus	GrH	50.8	85.3	17,771	671	John F. Stoltzfus	R&GrH	32.8	88.6	18,310	638	Warren Bollinger	R&GrH	50.8	85.6	16,987	613
J. Robert Knidig	RH	57.2	88.5	17,171	671	Thomas C. Lapp	R&GrH	60.9	85.1	17,874	638	Omar S. Kauffman	R&GrH	44.6	85.6	16,523	613
Lester J. Wiker	R&GrH	64.1	87.7	17,424	670	Alvin M. Martin	R&GrH	38.2	83.3	17,601	637	Lee Nome Farm	RH	32.7	82.2	16,404	613
Lenewood Farm	RH	67.9	85.4	18,125	668	J. Wilmer Eby	R&GrH	78.3	87.3	16,582	637	Wilmer G. Kraybill	RH	57.4	86.8	15,963	613
Spring Belle Farm	RH	43.1	87.0	17,162	668	Meadow Vista Farm	RH	143.1	86.2	17,741	636	Albert E. Fry	RH	30.8	88.5	15,738	613
Marbro Farm	RH	41.1	84.1	17,574	667	A. & J. Zimmerman	R&GrH	29.0	81.6	18,423	635	Milky Way Farm	R&GrH	31.1	81.3	16,773	612
Clyde W. Martin	RH	106.2	88.9	17,958	666	Donald B. Miller	R&GrH	38.6	87.8	17,780	635	J. Earl Horst	R&GrH	41.1	85.9	16,466	612
Ivan S. Stoltzfus	RH	46.1	87.8	18,206	664	R. Edwin Harnish	R&GrH	41.7	88.6	17,701	635	Levi S. Stoltzfus	R&GrH	45.9	87.5	15,949	612
Kenneth L. Beiler	RH	54.3	87.8	17,716	664	King-Ridge Farm	RH	36.9	89.4	19,875	634	Paul S. Horning	R&GrH	65.4	79.7	18,459	611
Mervin Sauder	R&GrH	37.6	91.0	17,262	664	Riehlee Farm	RH	31.8	85.0	17,124	634	Leroy S. Weaver	R&GrH	47.9	86.4	16,824	611
Donald M. Eckman	R&GrH	47.3	85.7	17,633	663	Martin H. Good	RH	42.8	90.7	16,318	634	Samuel B. Lapp	RH	30.8	85.8	16,780	611
Emanuel S. Smucker	RH	57.7	87.2	17,715	663	Rosegale Farm	R&GrH	39.4	86.1	17,020	632	J. M. Stoltzfoos	R&GrH	49.9	87.9	15,771	611
John U. Glick	R&GrH	48.6	90.8	17,593	662	Glenn R. Binkley	R&GrH	45.2	82.5	16,145	632	Emanuel B. Lapp	R&GrH	31.9	82.8	16,997	609
J. Ray Ranck	R&GrH	42.4	87.1	16,871	662	Kenneth B. Garber	RG	63.3	85.9	13,411	632	Luke E. Martin	R&GrH	34.7	84.8	18,029	608
Daniel E. Fisher	R&GrH	44.9	85.3	17,937	661	Robert Goehnaur Jr	RH	52.0	87.4	19,263	631	Alvin Petersheim	R&GrH	41.9	84.6	17,840	608
Elmer M. High	R&GrH	53.3	85.6	18,323	660	Samuel Stoltzfus	R&GrH	39.8	85.6	17,540	631	Andrew G. Miller	R&GrH	67.2	90.4	17,538	608
J. Omar Stoltzfus Jr.	RH	48.0	86.8	18,201	657	Water-Flow Farm	RH	42.6	86.4	17,095	631	Aaron D. Lantz	RH	41.3	84.9	16,709	608
Robert Ulrich Jr.	R&GrH	82.5	86.9	13,259	656	Neff Brothers	RH	57.3	86.9	17,092	631	Kenneth D. Myer	RH	70.4	83.9	15,580	607
Abram Stoltzfus	R&GrH	43.7	86.5	17,090	655	Marlin R. Beiler	RH	19.6	87.1	16,419	631	Titus B. Stoner	RH	67.6	90.0	16,377	606
Bennie L. Fisher	R&GrH	43.2	86.5	17,244	654	Nathan E. Stoltzfus	RH	75.6	88.0	16,037	630	Melvin L. Beiler	RH	49.7	87.5	15,723	606
Springarden Farm	RH	82.2	85.8	17,664	653	Ray P. Bollinger	R&GrH	46.3	87.0	15,843	630	Harold G. Shelley	RA	17.6	87.1	15,450	606
Parke H. Ranck	RH	60.0	86.6	16,854	653	Willis M. Martin	R&GrH	52.6	87.8	17,220	629	Shoemaker Bros	RG	49.5	89.8	12,596	606
J. Clayton Charles	RH	46.9	87.5	17,871	652	David K. Stoltzfus	RH	32.4	83.0	18,066	628	Steve E. Stoltzfus	RH	34.0	85.3	16,547	605
Earl N. Landis	RH	51.8	84.9	17,533	652	Carl L. Martin	RH	87.8	85.4	15,391	628	Marvin S. Nolt	R&GrH	80.4	88.4	16,528	605
Earl S. Weaver	R&GrH	54.1	85.6	17,040	652	Dale & Steve Hershey	RH	56.2	90.1	17,252	627	Ammon E. Reiff	RH	34.5	86.8	16,381	605
John Z. Beiler	RH	43.1	87.2	18,514	651	Harry L. Troop	RH	58.8	87.0	17,079	627	John E. Glick	R&GrH	40.9	90.2	15,812	605
Harold G. Shelly	RH	26.9	90.4	18,086	651	Fred Crider	RG	53.7	85.5	13,689	627	Galen W. Crouse	RH	133.9	85.2	16,018	604
Ken & Nelson Stoner	RH	85.0	85.0	17,031	651	LeRoy Oberholtzer	R&GrH	47.2	86.5	17,128	626	Raymond M. Weaver	R&GrH	100.4	83.4	16,440	603
Calvin D. Beiler	RH	48.5	90.0	17,958	650	David L. Landis	R&GrH	76.8	88.6	16,776	626	Joseph C. Wivell	RH	96.3	82.2	16,068	603
C. Nevin Hershey	RH	47.3	84.4	17,022	650	Amos W. Breneman	R&GrH	100.9	87.6	16,532	626	Steve Stoltzfus	R&GrH	25.2	85.0	17,015	602
Jacob Stoltzfus	R&GrH	56.5	87.6	17,020	649	H. Zimmerman Jr	R&GrH	48.9	89.6	16,369	626	Harry S. Aungst	RH	56.8	86.5	16,314	602
Paul Fahnestock	R&GrH	72.8	89.7	18,275	648	Samuel F. Long	Mix	56.0	84.6	15,935	626	E. & R. Denlinger	RH	43.9	85.1	15,481	602
Elam P. Bollinger	RH	27.9	89.3	16,791	648	Nelson Habecker	R&GrH	70.8	85.0	15,922	626	Albert Breneman	R&GrH	84.8	89.1	15,943	601
E. D. Riehl Jr.	R&GrH	33.2	85.5	17,159	647	R. & L. Witmer	RG	64.8	88.9	12,939	626	Nelson B. Weaver	GrH	30.5	85.6	15,714	601
John S. Zimmerman	R&GrH	66.8	85.3	16,879	647	Jacob M. Conley	R&GrH	38.9	87.8	16,103	625	James Martin	RA	45.3	85.5	14,595	601
Noah K. Beiler	RH	40.3	85.5	18,441	646	Samuel E. Beiler	RH	46.9	84.6	17,902	624	Harry H. Ranck Jr	RH	52.5	85.3	17,076	600
						L. Clair Miller	R&GrH	62.7	87.2	17,372	624	Dale W. Peifer	R&GrH	48.3	84.8	16,587	600
						J. R. Metzler & Son	RH	42.2	89.8	16,400	624	Marvin Reiff	R&GrH	56.1	86.3	16,540	600
						Melvin M. Groff	R&GrH	29.8	87.3	16,173	624	Daniel K. King	R&GrH	42.0	86.0	16,111	600
						Rohrer Brothers	RH	49.2	87.3	17,133	623						
						Jonas B. Lantz	RH	35.5	87.3	16,694	623						

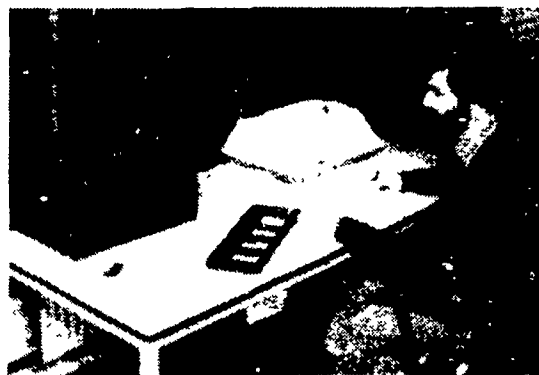
COMPUTER FEEDING

Capabilities of The Beta Z Computer:

- ★ FEEDING - 1 or 2 Feeds
- ★ COW CALENDAR
- ★ MILK WEIGHING
- ★ HEAT DETECTION

ZERO BETA Z COMPUTER MANAGEMENT SYSTEM

Zero Meets The Challenge Of The Computer Age With The Beta Z Computer



We feel it is essential that a dairy farmer investing in a computerized out of the parlor feeding system have the flexibility to incorporate all possible future developments on cow data.

With the Beta Z System you can start with the simplest or smallest unit and add without obsoleting major components.

BENEFITS OF THE BETA Z COMPUTER:

- **MANAGEMENT** • Increased utilization of Feed
 - Organized & accurate information
 - Decisions made early with ease and accuracy
- **SAVES LABOR** • Automatically feeds and gathers data on entire herd as you have programmed from the office
- **PROFITABILITY** • Fits all size herds and many owners are receiving super results because of getting feed to each cow in the right amount and at the right time
 - Milk yield and temperature is monitored twice a day
- **FACTORY WARRANTY** • All equipment is warranted for 1 year and installed by trained personnel



Zero Manufacturing Company
Washington, Missouri 63090
U.S.A.
TEL. (314) 239-6721
Telex 44-2476



CONTACT YOUR LOCAL ZERO DEALER:

Regional Sales Manager
Ray Kuhns
67 Roland Ave.
Chambersburg, PA 17201
717-264-3814

Donald Everitt
Mifflintown
717-436-2561

Marvin J. Horst
Lebanon
717-272-0871

Distributors

PENNSYLVANIA
Byers Construction
D. Ray Byers
Chambersburg
717-369-4861

Simpson's Cooling Service
New Oxford
717-624-8568

W & J Dairy Sales
Oxford
717-529-2569

NEW JERSEY

Hockenbury Electric
Ringoes
201-782-5950

MARYLAND

Laurel Run Farm Supply
Grantsville
301-895-5567

Roop & Sons
Linwood
301-775-2127

Maryland to hold new grain law hearings

ANNAPOLIS, MD. — The Maryland Department of Agriculture will hold hearings on January 19 on two new laws which are expected to have a major impact on the state's grain trade.

The two laws enacted by the Maryland General Assembly provide:

—That all buyers of more than 25,000 bushels of grain per year will be required to obtain a license from the MDA at a \$200 annual fee.

—All buyers will be required to pay an assessment of one-half cent per bushel into a Grain Indemnity Fund until the fund builds up to a maximum of \$5 million.

The fund will be utilized to handle claims of growers who are not paid for their grain due to the buyer going bankrupt or destruction of the grain while in the hands of the buyer.

While problems experienced by growers concerning defaults by buyers and elevators have been rather commonplace throughout the nation, the new legislation by Maryland covers some pioneering ground in this area by a state.

And while Pennsylvania has been studying if anything should be done in the Commonwealth in this area, no definite legislation has been drafted or proposed, according to E. Chester Heim, Deputy Ag Secretary.

"This has been in the study stage in Pennsylvania," Heim explained.

"But it should be pointed out that the main emphasis has to be on the federal level since a lot of buyers cross state lines in their operations."

While there haven't been any specific recent instances of major problems in Pennsylvania on defaulting grain buyers, some Commonwealth growers were affected by the instance in Maryland which was the impetus to bring about the new legislation.

The new legislation in Maryland which requires that all large grain buyers be licensed also provides that they also will be required to carry sufficient insurance to cover the value of grain being bought.

The insurance is designed to cover loss from fire, lightning, storm, etc.

The licensed buyer will need to show that the grain buying business has a net worth of at least \$100,000 or that a \$100,000 surety bond has been posted.

Concerning the Grain Indemnity Fund, the assessment will be paid only on the original transaction by the first buyer.

If the grain is resold, no additional assessment will be made.

When the \$5 million fund ceiling is reached, the assessments will

cease and not be resumed until payments are made from the fund. Also, interest earned on the fund may be sufficient to administer it and make any modest claim payments.

But it may take as many as 13 years for the fund to reach the \$5 million ceiling since Maryland's top grain production was 80 million bushels reached in 1979.

"The creation of such a fund

represents a first in American agriculture when it comes to protecting grain producers," according to Maryland Sec. of Agriculture Wayne A. Cawley Jr.

Due to several major grain elevator bankruptcies in the nation in recent years, there have been proposals that the USDA set up some sort of federal insurance program to protect growers. But

nothing concrete has been done on the federal level.

Hearings on the new Maryland grain regulations will be held on Tuesday, Jan. 19, at 10 a.m. in the Maryland Department of Agriculture's conference room in the agency's headquarters located west of Annapolis in the Parole Plaza Shopping Center.—DA

Shorthorn Assoc. honors producers

LOUISVILLE, Ky. — Producer recognition for Shorthorn/Polled Shorthorn breeders was part of the activities of the annual meeting and national show of the American Shorthorn Association held here in conjunction with the North American International Livestock Exposition. Sire of the Year awards and recipients of the 1981 Century Club award were announced during the annual banquet held at the Executive Inn.

Sire of the Year bulls are nominated by their owners with points compiled on their progeny throughout the previous show season. A maximum of five head of progeny are counted at a maximum of five shows during the year, beginning each season on May 1. A graduated scale of points for AAA, AA and A shows is used.

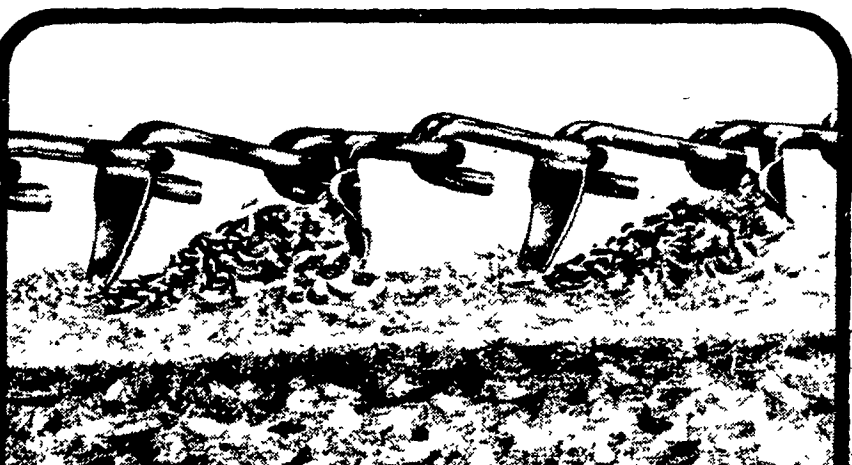
Topping the list of the Sire of the Year award winners was Mill Brook Ransom G-Nine 2975, owned by the R. Lee Johnson Family, Fredericktown, Oh., and Arrowhead Farm, Richard Prentice and E.J. Wenning, Fulton, Mo. Progeny of the bull had been champions at the Ohio and Indiana State Fairs, the Dixie National, the Houston Livestock Show and the North American.

Carl Jordan & Family of Waukaru Shorthorns, Kentselaer, In., and Sutherland Farms, Prospect, Ky., were the second place award winners on the show ring accomplishments of the progeny of Sutherland Ransom 197 x. He had produced champions at the Indiana and Tennessee State Fairs, the National Western in Denver, the North American and the World Shorthorn Congress Show in Calgary, Alta., Canada.

Other winners, in order of their placing, were Deepark Leader 13th, owned by George Alden & Sons, Hamilton, Mo.; Oak Hill

Monarch 77th x, owned by Willow Crest Shorthorns, Larry and Karen Reap, Polo, Ill., and Torgerson Bros., Austin, Mn.; Duke of Swisher, owned by George Alden & Sons; Tea for the Tillerman x, owned by Carl Jordan & Family and Rex Cates & Family, Modoc, In.; Willow Crest Hercules x, owned by Willow Crest Shorthorns; G-X Ridge Runner X 628 x, owned by Tacoma Cattle Co., Duane Sicht, Ashland, Mo.; Mill Brook Ransom G-9, owned by Carl Jordan & Family and Sutherland Farms; and Deepark Improver, owned by George Alden & Sons.

Members of the American Shorthorn Association who recorded 100 or more head of cattle during the last fiscal year period were recognized as members of the Century Club. The operation registered as Walter J. Hoyt & Sons of Burns, Or., were given special recognition for topping the Century Club membership list with 575 head of cattle registered during the last fiscal year.



Patz Cutter-and-Claw Gathering Chain Gives You Chain-Saw action and full-flow feeding.

Cuts loose frozen and hard-packed silage. Steel claws move loosened silage to blower.

Choose Patz ring-drive or surface drive silo unloaders to meet varied needs.

Patz • Performance Strong as Steel

DISTRICT MANAGER

GEORGE HEATH 472 Woodcrest Dr. Mechanicsburg, PA 17055 717-737-0002

Contact your nearest Patz dealer

ALEXANDRIA
MAX ISENBERG
814-669-4027

BALLY
LONGACRE
ELECTRIC
215-845-2261

BEDFORD
BENCE FARM
EQUIPMENT
814-623-8601

BELLEVILLE
MACLAY & SON
717-935-2101

CAMP HILL
LLOYD SULTZBAUGH
717-737-4554

CHAMBERSBURG
CUMBERLAND FARM
& DAIRY, INC.
717-263-1965

HAMBURG
SHARTLESVILLE
FARM SERVICE
215-488-1025

LEBANON
MARVIN J. HORST
DAIRY EQUIPMENT
717-272-0871

MILLERSBURG
LANDIS
LABOR SAVERS
717-692-4647

MILTON
LANDIS FARMSTEAD
AUTOMATION
717-437-2375

PIPERSVILLE
MOYER
FARM SERVICE
215-766-8675

QUARRYVILLE
UNICORN FARM
SERVICE
JAMES E. LANDIS
717-786-4158

TERRE HILL
TERRE HILL
SILO CO. INC.
215-445-6736

MARYLAND DEALERS
HAGERSTOWN, MD
TRI-STATE
FARM AUTOMATION
301-790-3698

KENNEDYVILLE, MD
PINDER SERVICE CO.
301-348-5263

LINEBORO, MD
WERTZ GARAGE, INC.
301-374-2672

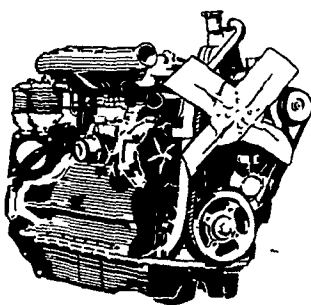
STREET, MD
P & S EQUIPMENT,
INC.
301-452-8521

LANCASTER FORD TRACTOR Holiday Sell-Abraction

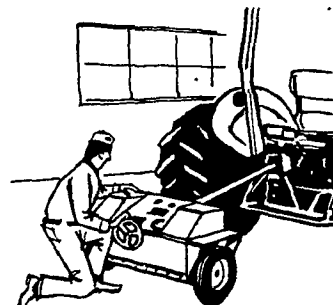
The following incentives apply for retail sales
Through December 31, 1981

SERIES 1000 TRACTORS	MODELS 2600 THROUGH 7700	TW MODELS \$2500 plus Waiver of Finance Charges for eligible customers with a "Use Date" of March 1, 1982
Model	Amount	
1100.....	\$100	
1200.....	\$175	
1300.....	\$200	
1500.....	\$200	
1700.....	\$250	
1900.....	\$350	
		* 1000 plus Waiver of Finance Charges for eligible customers with a "Use Date" of March 1, 1982
		COMPACT LOADERS \$500 for the CL20 - CL30 - CL40
FOR THE LITTLE ONES IN YOUR LIFE FORD TOY TRACTORS, IMPLEMENTS & INDUSTRIAL EQUIPMENT BY ERTL		FOR THE MAN IN YOUR LIFE • HATS • PUMPS • GLOVES • HEATERS • WELDERS • GENERATORS • AIR COM- PRESSORS • BATTERY CHARGERS • PRESSURE WASHERS
		BIG - BIG SAVINGS on Lawn & Garden Tractors bought with Snow Equipment

ALL REDUCED TO GIVE THAT SOMEONE SPECIAL
THAT SPECIAL SOMETHING



Special
off-
season
prices on
engine
overhauls!
CALL FOR
FREE
ESTIMATE



Bring Your
Tractor In
For A
FREE
DYNAMOMETER
CHECK!



LANCASTER FORD TRACTOR, INC.
THE HOME OF THE RELIABLES
1655 Rohrerstown Rd., Lancaster, PA Flory Mill Exit off Rt. 283
717-569-7063

Conservancy acts to protect virgin forest

PHILADELPHIA — A threat to one of the few virgin forests left in Pennsylvania was recently averted by the Nature Conservancy, through the purchase of 18 acres adjoining Woodbourne Forest and Wildlife Sanctuary near Montrose in Susquehanna County.

The Nature Conservancy, a national conservation organization with local headquarters in Philadelphia, acquired the property which was subdivided and slated for development, posing a threat to the water source of the sanctuary's 200-acre virgin forest of hemlocks and northern hardwoods.

The Nature Conservancy has announced a campaign to raise the \$25,000 needed for the land purchase and associated land-management expenses. According to Bud Cook, Director of the Conservancy's Pennsylvania/New Jersey Office, "Woodbourne was one of the first areas to be protected by the Nature Conservancy, and thousands of students, teachers, and nature lovers have visited the sanctuary since its dedication in 1956."

Cook added that, "The nature trail at Woodbourne is open to the general public, and all are welcome to enjoy nature and observe the plant and animal life of an undisturbed forest."

The Nature Conservancy is a national, non-profit organization dedicated to the protection of ecologically significant land. Founded in 1951, the 110,000 member group has protected 1.8 million acres of valuable natural land through approximately 2,500 projects. The Conservancy retains and manages over half the natural

areas it acquires, which constitute the largest privately-owned network of nature sanctuaries in the United States.

To date, the Conservancy has already worked to preserve more than 5,000 acres of Pennsylvania's finest wildlife habitat in over a dozen projects. In addition to Woodbourne Forest, three other projects in Eastern Pennsylvania are now Nature Conservancy sanctuaries: Lacawac Sanctuary and Tannersville Cranberry Bog, both located in the Poconos; and Thompson Wetlands near the town of Thompson in Susquehanna County.

The Conservancy has assisted state and federal agencies in the acquisition of parts of Salt Springs State Park, the Loyalsock Trail, the Tinicum National Environmental Center, and Valley Forge National Park.

In addition to these projects, the Conservancy has worked on land protection projects with East Stroudsburg State College, The French and Pickering Creeks Trust in Chester County, and local government agencies in Abington Township, Lackawanna County, and Luzerne County.

In Eastern Pennsylvania, the Conservancy operates through a local volunteer chapter with offices at: 1218 Chestnut Street, Philadelphia, PA 19107, telephone 215/925-1065.



**Better Watch Out!
Better Be Good!
SANTA CLAUS IS HERE**

We're Getting Ready To Celebrate!

1982 will mark our
75th ANNIVERSARY!
Three Generations Of Serving You.

We're Going to Begin Now!

**NEW EQUIPMENT
SPECIAL FOR THE MONTH**
Skid Steer Loaders -
Prices that you can afford

**OUR FAMOUS N.H. BALER
TRIPLE CHECK SERVICE**

For Only **\$75.00**

Call for details & appointment

WE'RE \$ HAVING

**Dollar
Dividend
Days**

**FORAGE & BALERS
HAYTOOLS & COMBINES**

YOU WILL HAVE DOLLARS
RETURNED TO YOU BY CHECK
FROM SPERRY NEW
HOLLAND FOR EQUIPMENT
BOUGHT AND PAID FOR IN
CASH DURING
DECEMBER AND JANUARY.

The following is a list of eligible equipment
we have to sell

	Rebates	
	Dec.	Jan.
1900 S.P. Harvesters	\$5500	\$3900
311, 315 & 320 Balers	400	300
70 Throwers	100	75
451 & 456 Mowers	100	75
474 & 489 Haybines	400	300
495 Haybines	600	400
847 Round Balers	600	400
718 Forage Harvesters	400	300
782 & 892 Forage Harvesters	900	600
256 & 258 Rakes	125	100
#8 Crop Carriers	250	200
25, 28 & 30 Blowers	125	100

Settlements must be made before 12 Noon Dec. 31 & Jan. 30

**IF WHAT YOU'RE
LOOKING FOR ISN'T
LISTED, CALL US.
WE WILL DELIVER**

**Remember - Free Finance
is still available
Hay Tools until June 1, 1982
Forage Equipment until
August 1, 1982
No Dollar Dividend when
"Free Finance" is used.**

**We Have A FREE 1982 CALENDAR
Waiting For You - Come In And
Get Yours Now!**

YOUR SPERRY-NEW HOLLAND DEALER

C.E. WILEY & SON INC.

101 S. LIME QUARRYVILLE, PA. PHONE (717) 786-2895

Wasps to launch gypsy moth onslaught

WASHINGTON, D.C. — Two species of parasitic wasps brought by U.S. scientists from India may prove effective in combating the voracious gypsy moth, according to U.S. Department of Agriculture researchers.

In laboratory tests, USDA researchers found the two species of wasps attack and destroy the gypsy moth larvae (caterpillars). The researchers now plan field tests to determine the overall effectiveness of the wasps as biological controls to help curb gypsy moth infestations.

If the field tests prove successful, scientists plan to introduce the wasps as another tool in an ongoing attempt to manage gypsy moth populations.

Gypsy moth caterpillars defoliated about 13 million acres of trees in 1981, mainly in the Northeast. Gypsy moths also have been found in disturbing numbers in insect traps in Alabama, Arkansas, California, Indiana, Minnesota, North Carolina, Ohio, Oregon, South Carolina, Virginia, West Virginia, and Wisconsin.

USDA will make colonies of wasps available to state departments of agriculture and other state agencies beginning next year. These state agencies then will release the wasps in the spring when gypsy moth caterpillars are most destructive.

The wasps lay their eggs in the gypsy moth caterpillars and the wasp larvae eat their way out of the moth caterpillar in about two or three weeks, killing the host caterpillar. As they mature, the new wasps will attack other gypsy

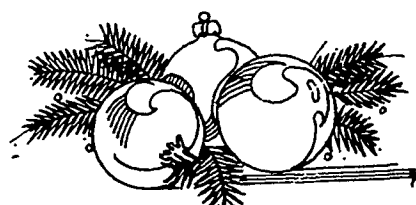
moth caterpillars.

According to Joan Wallace, administrator of USDA's office of International Cooperation and Development, the wasps will cause no disruption to the U.S. environment and pose no threat to other animal species or to humans. "Federal regulations require that researchers obtain permits from USDA's Animal and Plant Health Inspection Service before bringing living research material into the U.S.," she said.

The wasps held at a quarantine facility where they were studied to see if they presented a biological hazard. Researchers also conducted field tests before plans for mass distribution of the wasps were developed, Wallace said.

Research on the two species of wasp, *Apanteles flavicoxis* and *Apanteles indiensis*, is being conducted at USDA's Beneficial Insects Research Laboratory, Newark, Del., under the direction of Roger W. Fuester of USDA's Agricultural Research Service, and T. Sankaran, director, Commonwealth Institute of Biological Control, Bangalore, India.

The international cooperative research program is funded under the special foreign currency research program of Public Law 480. The program provides for the use of U.S.-owned research program of Public Law 480. The program provides for the use of U.S.-owned currencies in a foreign country which cannot be converted into dollars, but which may be used for scientific research which will benefit U.S. agriculture and the American consumer.



What's holding up the Noxious Weed bill?

HARRISBURG — The Noxious Weed bill, House Bill 1429, is becoming a thorn in the sides of Pennsylvania's major farm organizations as they watch this important piece of legislation floundering through the lawmaking-corridors of the Capitol.

Witnessing this bill being tossed about from one committee to another undoubtedly conjures up memories of last year's futile legislative attempt to outlaw multiflora rose and other noxious weeds that finally withered and died.

Now farm groups are forced to look on as still another beneficial bill which would control the spread of noxious weeds is bandied about from committee to committee. And each delay pushes the bill closer to another spring with no solution to controlling the spread of weeds like multiflora rose and Johnsongrass.

So, what's the holdup? Even though H.B. 1429 was introduced back in April of this year (with much of the legislation being taken from last year's leftover bill), it struggled six months before obtaining a favorable vote from the House in late October.

After being handed over to the Senate, the bill quickly moved out of the Senate Agriculture and Rural Affairs committee, under the direction of Sen. Edward W. Helfrick (R-27th). The bill had made it through several readings on the Senate floor when it was suddenly committed to the Senate Appropriations committee on October 26.

According to a spokesman for Sen. Richard A. Tilghman, (R-17th) chairman of the Appropriations committee, H.B. 1429 is not and has not been scheduled for any action. The spokesman pointed out that a "holdup" on the bill has been requested by the Pennsylvania Department of Agriculture's Dan Cook. He stated the Department is seeking additional amendments to the bill and is working with the bill's prime sponsor, Rep. Samuel F. Hayes (R-81st).

The Department's legal liaison Dan Cook said he did not ask for a "holdup", but did request that suggested amendments be added to the bill. "It's a matter of semantics," said Cook, who pointed out the amendments were

not of the nature which should have held the bill up for almost two months.

Nevertheless, the Department's telephone request has put the bill in a state of limbo. According to a spokesman for the Department and Sen. Helfrick's office, future action by the Appropriations committee will need to focus on several amendments which call for "a few minor technical amendments" and a change terminology which would not substantially change the meaning of the bill. This amendment would redefine the term "control" and would expand the meaning to include destruction of noxious weed by any approved method of eradication.

The only other amendment would focus on the Department's authority to approach other state or federal agencies about controlling the spread of noxious weeds on their lands. These amendments were submitted for the committee's consideration prior to Nov. 10. No action has been taken on any of them.

Rep. Hayes was not reached for comment on the amendment. None of the farm organizations were aware that the Pennsylvania Department of Agriculture's request was the "holdup" on the bill.

Action on Senate Bills 1085-1086 that took place on Wednesday morning had no impact on the controversial tax reform bills sponsored by Senate Majority Whip John Stauffer (R-19th). The House Finance committee, chaired by Rep. Benjamin Wilson (R-144th), "decided to recess and hasn't rescheduled the meeting", according to a spokesperson for Wilson.

House Bill 1889, which was introduced by L. Eugene Smith (R-66th) and which calls for expanded banking, will be coming under fire next Tuesday as the Senate Banking and Insurance committee "entertains" a public hearing.

Chairman Edwin G. Holl (R-24th) has scheduled an hour-long session to hear only three out of

thirty requested testimonies on the bill. Selected to testify are two pro-banking-expansion organizations along with the Independent Banking Association that has gone on record opposing the bill.

The State Grange and the Pennsylvania Farmers Union are standing together in total opposition to expanded banking, and the Pennsylvania Farmers' Association has gone on record as being against statewide expansion but in favor of bicontiguous expansion.

Rep. Kenneth Cole (D-91st) recently stated the bill "will sacrifice small, efficient banks to save the larger, big-city banks." He added that "claims that the change would provide better services to rural residents are a smokescreen to hide the real intent of the measure — to allow the bigger banks to take over the small rural banks."

H.B. 1889 would allow banks to operate in any part of the state.

Existing law restricts banks to operate only in the counties which border their home offices.

"Allowing statewide banking will cause many small banks to sell out or merge with the larger operations while ignoring the interests of rural residents," Cole said.

According to the State Grange, passage of H.B. 1889 would lead to rural customers becoming "numbers" to the large banking firms. "Farmers would be forced to obtain their loans from large financial institutions based in cities that could be many miles away."

Farmers Union said that it feels if H.B. 1889 passes, it could mean the phase out of independent banks in Pennsylvania in less than four years.

One bill the Grange will be supporting is Senate Bill 1210, the Oil and Gas Bill, introduced by Senators Roy Wilt (R-50th) and Robert Kusse (R-25th). This bill

grew out of a joint effort between the Grange, the Pa. Dept. of Environmental Resources and industry through DER's oil and gas advisory committee. Serving on the committee were Grange Master Charles Wismer and Charles Weber of the Grange leasing service.

Introduced November 16, SB 1210 would revise Act 225 and its oil and gas regulations, calling for:

- ✓ proper casing of oil and gas wells;
- ✓ no drilling within 100 feet of bodies of water;
- ✓ registration of wells;
- ✓ notification to surface owners 15 days prior to drilling;
- ✓ a fee for permits;
- ✓ restoration of well sites; and
- ✓ a system of bonding.

The State Grange says it supports this bill which "provides for some protection for the property owner for the first time" and which is "interestingly enough agreeable to industry, too."

Milk referendum

(Continued from Page A1)

will be available to state dairy farmers.

Following review of the draft, the committee is expected to wait 30 days before proceeding with a series of three public meetings. The meetings will take place in the northeast, southeast and one meeting for the central and western producers.

Following the meetings, a second 30-day wait will be instituted at which time co-ops will have a chance to poll members. Soon after the second waiting period, the statewide vote is expected to follow.

"Pennsylvania's dairy industry is a billion dollar a year business," Hollowell said. "With the current surplus situation nationally and the decision in Washington to hold current milk support price levels, it may well be time for Pennsylvania's dairy farmers to work together to help themselves become more self sufficient and to improve marketing efforts."

The state's two major farm organizations, The Pennsylvania Farmers Association and Pennsylvania State Grange, recently endorsed the milk referendum proposal at their annual meetings.

"Our delegates are aware of the seriousness of the dairy industry's supply/demand imbalance," said PFA spokesman Richard Newpher.

"We feel we have to speak to both sides," he continued, "and are looking for ways and means we can get supply in line with demand."

Hollowell said that a consensus also seemed to have formed among dairy farmers and cooperatives.

"Most dairy farmers are in favor of advertising," said Daniel Martin, a member of Inter-State Milk Cooperative and Dairy Council, Inc.

The Manheim dairyman also explained the referendum will supercede the Federal Order 4 program which is currently assessing farmers about 13 cents per hundredweight. However, the referendum, unlike the Federal Order program, will be nonrefundable.

"The referendum will generate more funds than the Federal Order program because of increased participation," Martin added.

The referendum will be conducted under the provisions of the Pennsylvania Agricultural Marketing Act of 1968.

DAIRYMEN: Take advantage of this special offer NOW before year's end. Prices increase Jan. '82. Plus use your tax investment credit - buy in '81 to pocket savings for '82.

Is Your Electric On A Demand Rate?

Do You Know What It's Costing You To Heat Water?

IS YOUR HOT WATER HEATER BAD?

TREMENDOUS SAVINGS ON HEAT RECOVERY SYSTEMS

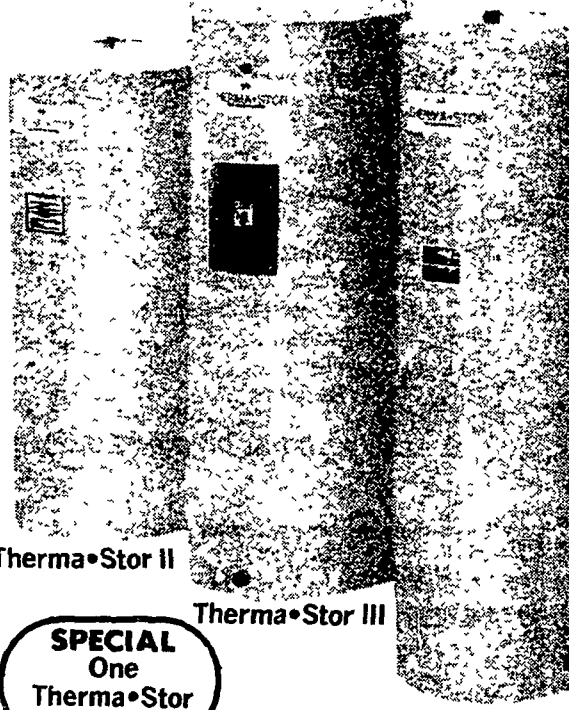
DARI-KOOL THERMA-STORS®

Are The Answer

SPECIAL PRICE
on the new
Therma-Stor 80
\$825⁰⁰

How would you like to heat water for 16¢ per milking to wash your pipeline system!

CALL US AT
1-800-732-3532



Therma-Stor II

Therma-Stor III

Therma-Stor 80

BOU-MATIC
MILKING SYSTEMS

DARI-KOOL
COOLING SYSTEM

SPECIAL One
Therma-Stor
Model 170

GOOD USED TANKS

400 Gal. Mojonnier	500 Gal. Girtan	800 Gal. Girtan
400 Gal. Zero		1000 Gal. Mojonnier

• INSTALLATION • SERVICE • PLANNING LAYOUT • SALES

SHENK'S FARM SERVICE

CALL TOLL FREE 1-800-732-3532

501 E. Woods Drive, Box 225, Lititz, PA 17543 Phone 717-626-1151

Our Service Trucks Are Radio Dispatched

24 HR. SERVICE OFFERED

AFTER 6 P.M. - CALL:

Ray Shenk 717-626-1152

Mervin Nissley 717-872-4565

Gary Walton 717-768-3727

Jerry Shenk 717-627-8225

OUR READERS WRITE, AND OTHER OPINIONS

(Continued from Page A12)

discussions on farmland preservation was the need to encourage, yes, create a favorable climate for agriculture. It was recognized that we need a strong agriculture and the support industries.

More than preserving an old farm for its aesthetic beauty, the programs are aimed at providing the means by which a farmer can till the soil successfully, providing a good living for him and his family.

So, we're really not looking for more quaint farmsteads, the weathered barns, the old windmill without its rotor blades, the high-wheel hay rake abandoned in tall weeds, but rather the functional buildings, storage bins, and equipment of an efficient farm of the '80s. The fields are those tilled for top yields, yet conserving our precious top soil and moisture.

We should thrill at signs of a progressive, modern agriculture. Sure, that may mean shiny metal

bins, grain dryers, augers and elevators. It will mean tractors of all sizes and with all kinds of attachments, trucks to haul supplies to the farm and products to the market.

In order to operate efficiently, farmers will have to have the means to store and market their crops to best advantage. That's why we see so many grain handling and storage centers on farms these days. They just don't grow crops, harvest in the fall and ship out of the field to market. At least, most of them don't.

Yes, many of these same principles apply to commodities other than corn, soybeans and wheat. The fruit grower, the pick-your-own vegetable producer, the nurseryman, the horse breeder or trainer, the cattle or other livestock breeder, all must consider new methods, new procedures to operate efficiently.

If we're to preserve farmland, we will have to foster a strengthening of agriculture on the farm and in the marketplace.

Calvin G. Wettstein
Sr. County Agent
Flemington, N.J.
Hunterdon County

1,000 years is a long time

Nature takes from 300 to 1000 years to build one inch of topsoil. Our original topsoil averaged about nine inches. Erosion has taken a third of this already. We have only six inches left.

Think. We are living only six inches from a desert today.

Our farmers are giving this a lot of thought here in Chester County.

One of the many conservation measures they are taking is the building of cropland terraces. Terraces are being constructed to reduce erosion by shortening the length of slope and conducting the runoff water on a nonerosive grade to a stable outlet, and to conserve moisture.

A terrace is simply an earth embankment or ridge and channel constructed across the slope at a

suitable location to intercept surface runoff water. Terracing is one of the best mechanical erosion control practices.

Terraces are being constructed a couple different ways. One way is to construct the terrace across slope and outlet the water into an established grasses waterway, or outlet it into a woodland or pasture.

Another way which is becoming more desirable is to use tile as an outlet. This is called a storage terrace and removes the water slowly through the tile line. One thing this eliminates is the need for grass waterways, and means more land in crops.

Harry Barnett
Conservation Technician
West Chester

GLICK'S CONSTRUCTION

General Contractor
Residential - Commercial - Agricultural
Roofing - Siding
Custom Post Hole Drilling
Pole Buildings
Daniel Glick
4129 Red Well Drive
Gordonville, PA 17529
717-768-8034

Big Dutchman. Controlled POULTRY CAGE Systems



Big Dutchman cage systems are the "standard" by which all others are measured. So why not start your cage shopping with the No. 1 company in the field.

We can provide "all" the components that make up a complete cage system and therefore are able to guarantee reliability, control, cost savings and one-source service.

Contact us for personalized information and service concerning any of our Big Dutchman Systems.

H
**HERSHEY EQUIPMENT
COMPANY, INC.**
Sycamore Industrial Park
255 Plane Tree Drive
Lancaster, PA 17603
(717) 393-5807



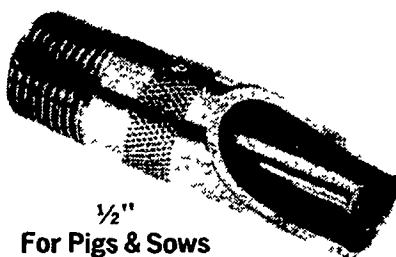
Moonlighter. Most versatile heater gives heat and light, plus cooking surface. Rated at 8,700 BTUs (2200 kcal) per hour. Goes anywhere. Tin oxide coating on glass mantle creates pretty prism effect. Cookrail, heat reflector and storage cover accessories available. Operates up to 36 hours on 1.7 gals (6.4 liters) kerosene 16 1/2" (430 cm) high, 16 1/4" (41.2 cm) base, 14 1 lbs (6.4 kg) U.L. Listed

PEQUEA WOODWORKING

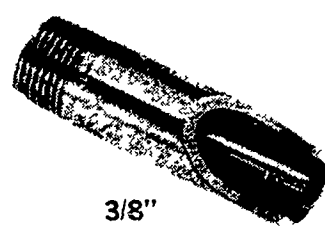
2704 BACHMANTOWN ROAD, RONKS, PA 17572
PH: 717-687-6763
Hours Mon. thru Sat. 8 to 4; Fri. 8 to 8

Install LOW-COST, Trouble free Nipple Drinkers!

Easy to clean, Easy to change



1/2"
For Pigs & Sows



3/8"
For Baby Pigs

ONE-PIECE BODY

Solid Stainless Steel construction, no tubes, sleeves or inserts. Smooth Finish.

- Easily Removable Screen Holder
- Brass Orifice
- Heavier Springs - No More Breaking of Springs

Swine Confinement Systems

FARMER BOY AG, INC.

Best in Design, Price and Experience

457 E. MAIN ST., MYERSTOWN, PA 17067

1/2 Mile East of Myerstown

717-866-7565

Whitewashing with Voco Farm White

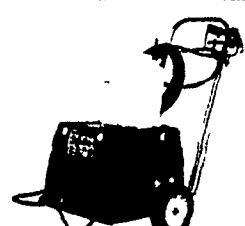
AIR CLEANING

Richard R. Fory & Sons

717-397-0035
Lancaster, PA

IT'S A MIRACLE

THE INCREDIBLE CLEANING MACHINE



Model 2218

When you want to knock dirt, grease or grime off of equipment, floors, walls or buildings the Miracle Cleaning Machine will do the job.

Everything that goes into these incredible cleaning machines is top quality for long, continuous operation.

A self-contained but removable dispenser feeds soaps, detergents, chemicals — even acids — into the spray mix so you can get total cleaning and sanitizing in one swipe.

We offer five job-rated models for your pressure cleaning needs.

You'll never find a more compact, high-performance, versatile pressure cleaner anywhere.

AARON S. GROFF & SON

FARM & DAIRY STORE

RD 3, Ephrata, PA 17522 (Hinkletown)

Phone: (717) 354-4631

Store Hours - Mon., Thurs. & Fri. 7 A.M. to 9 P.M.
Tues. & Wed. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 4 P.M.

WE DON'T SELL YOU AND LEAVE YOU!



DENNIS ZIMMERMAN
N.E. Lancaster Co.



MARVIN BENNETCH
Lebanon County



GEORGE SCOTT
Southern New Jersey



STANLEY GERTNER
Northampton Co. &
Northern New Jersey

Or even let you be lonely

In fact, after you buy a HARVESTORE® system, you're likely to see a lot more of us than you did before. And we don't mean just service calls.

Through publications, seminars, farm tours and continual personal contact, we constantly keep you up to date on the latest practices and techniques. And when you do need maintenance or service, we have a staff of factory-trained and equipped technicians ready to respond around the clock.

We're not just out to get sales. We're out to make you a more efficient, more profitable, livestock farmer. And to make friends. And to stay friends.

**WHY NOT LET US PROVE TO YOU THAT WE MEAN WHAT WE SAY!
— JOIN US ON ONE OR MORE OF OUR DECEMBER ACTIVITIES —**

LEBANON COUNTY DAIRY BUS TOUR To DAUPHIN CO.

DECEMBER 16, 1981 - 9:15 A.M.

Meeting Place: Lebanon Area Fair Grounds

1. Larry Shade Farm 2. Ernest Klinger Farm
3. Paul Crissinger & Sons Farm

CALL Marvin Bennetch For Details - (215) 267-3355

HARVESTORE HAYLAGE DAIRY MEETING

DECEMBER 16, 1981 - 1:15 P.M.

AT: Sunnyside Farms, Inc. - Mount Holly, NJ

- Featuring: ★ The Economics and Feed Value of HARVESTORE Haylage.
★ Introduction of the New Technical Service Dept. of A.O. Smith

CALL George Scott For Details - (609) 461-4544

NORTHAMPTON CO. & NO. NEW JERSEY HARVESTORE DAIRY TOUR

DECEMBER 17, 1981 - 10:00 A.M.

Meeting Places: Riverton Hotel - 10:00 A.M. OR
Julius Dirisio's Farm - 10:15 A.M.

1. Julius Dirisio Farm - Oxford, NJ
2. Floyd & Barry Ott Farm - Bangor, PA

CALL Stanley Gertner For Details - (215) 250-0761

N.E. LANCASTER CO. NEW OWNERS ORIENTATION MEETING

DECEMBER 17, 1981 - 10:00 A.M.

AT: Warren Bollinger Family Farm - Lititz, PA

- Featuring: ★ Demonstrations on use of Structures & Unloaders.
★ Session on Nutrition & methods of Balancing Ration for Highest Production.

CALL Dennis Zimmerman For Details - (717) 354-4051

Penn-Jersey HARVESTORE® Systems, Inc.

P.O. BOX 7

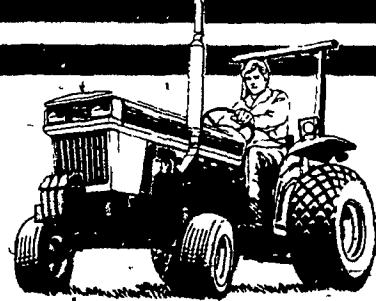
NEW HOLLAND, PA 17557

PH: 717-354-4051



Harvest THE SAVINGS

WIN A FREE TRACTOR.*



Come in today and fill out a special White Farm Equipment Company "Harvest The Savings" contest form. You could win one of 52 new model 2-35 White-Iseki utility tractors absolutely free. There's no obligation to buy anything.

While you're here, let us pour you a cup of coffee and tell you about our complete, year-end "Harvest The Savings" program.

It includes big factory rebates, waiver of finance charges and special rock-bottom interest rates on nearly all White Farm Equipment tractors, combines, planters and implements.

SAVE NOW, SAVE LATER.

Harvest THE SAVINGS

**Big factory rebates.
Waiver of finance
charges. Or, special
low interest rates.**

There's never been a better time to buy the tractor, combine or implement you need.

Right now, we're offering a special "Harvest The Savings" year-end program from White Farm Equipment Company. The program features a choice of big factory rebates, waiver of finance charges, or special low interest rates — pick the one that fits you best.

Plus, new tax laws favor buying and taking delivery on new equipment by the end of the year. So you can save on the cost of equipment now — and save on your taxes later.

*Tractors will be awarded January 15, 1982. Entries for the tractor give-away are limited to one per farm operator of 50 acres or more. You must be 18 years of age or older.



WHITE FARM EQUIPMENT

Entry forms are available, and can be submitted, by mail just write "Harvest The Savings Tractor Giveaway," White Farm Equipment Company, 2625 Butterfield Road, Oak Brook, IL 60521. Void where prohibited by law.

SEE YOUR LOCAL WHITE DEALER

ARNETT'S GARAGE

Rt. 9, Box 25
Hagerstown, MD
301-733-0515

PAUL M. BYERS, INC.

1700 Edgar Ave.
Chambersburg, PA 17201
717-263-8568

FARNSWORTH FARM SUPPLY INC.

103 Cemetery St.
Hughesville, PA
717-584-2106

PAUL W. HISTAND CO. INC.

697 N. Main St.
Doylestown, PA
215-348-9041

ERNEST SHOVER FARM EQUIPMENT

19 W. South St.
Carlisle, PA
717-249-2239

STOLTZFUS FARM SERVICE

Cochranville, PA
215-593-2407

BURCHFIELDS, INC.

112 S. Railroad St.
Martinsburg, PA 16662
814-793-2194

NORMAN D. CLARK & SON

Honey Grove, PA
717-734-3682

HANDWERK BROS. SERV. CENT.

RD 1 - Neffs
Slatington, PA
215-767-5946

CHAS. J. MCCOMSEY & SONS

Hickory Hill, PA
215-932-2615

SHUEY'S SALES SERVICE

Ono, PA
717-865-4915

IVAN J. ZOOK

Route 655, Belleville, PA
717-935-2948

FARMERSVILLE EQUIPMENT, INC.

RD 4
Ephrata, PA
717-354-4271

N. G. HERSHEY & SON, INC.

Manheim, PA
717-665-2271

GEORGE L. MATUSAVIGE

Rt. 292, P.O. Box 32
Center Moreland, PA 18657
717-333-4256

MILLER EQUIPMENT CO.

Bechtelsville, PA
215-845-2911

STANLEYS FARM SERVICE

RD 1 - Off Rte. 125
Klingerstown, PA
717-648-2088

Let visions of candy dance in their heads

BY SALLY BAIR
Staff Correspondent

If your Christmas includes visions of sugarplum fairies or more ordinary confections, you should meet Nancy Fasolt, 2961 Kings Lane, Lancaster.

Nancy creates some of the most delicious looking (and tasting) candy you can imagine, and she is making a career of teaching others how easily they can do the same thing.

And she does make it sound easy! "You can learn to have professional results in just two hours, and when you give a gift of candy, people think you're a genius. The praise is overwhelming and it is great for morale," Nancy states.

She adds, "Making candy is

something women at home can do, or working women because it doesn't take a long time."

Candy-making is Nancy's favorite hobby, but she also creates other holiday goodies, turning ordinary cupcakes and other cakes into quite extraordinary holiday decorations.

Nancy has just completed a series of holiday candy and decorating classes offered through the Penn State Cooperative Extension Service, and she is delighted with the interest shown. She says, "It is really interesting to see the people sit down and see their interest grow as I talk. By the time they make something in the class some are really enthused."

Nancy has only been involved in candy making for the last few

years, her interest growing from a visit to a friend in Connecticut who made lollipop turkeys out of chocolate as favors for the children. Nancy became hooked, and says, "After that I started seeking out what was available around here."

Finding there was little available in the way of helpful classes or materials for making candy, Nancy began taking classes elsewhere. She traveled to the Country Kitchen in Fort Wayne, Indiana, for a candy making course and then attended one offered by a candy company in Frederick, Maryland as well as others offered by mold companies in Pittsburgh and Somerville, New Jersey.

She credits these classes with giving her hints for making candy, but adds, "You get a lot of information from talking with other people."

Nancy's first business venture was a partnership with a friend called the Cake and Candy Emporium. The two made candy and decorated cakes, operating a stand at the market at Park City. She adds, "It really came easily and I really enjoy it. I learned a lot from my partner."

Eventually, the partnership dissolved, but Nancy continued the business and now offers materials for candy making in the basement of her suburban home. She says, "I call it my hobby, not my business, because I don't keep regular hours." Nevertheless, she is available by a simple phone call to those who wish to purchase supplies for the goodies she teaches.

Nancy no longer makes the candy or decorates cakes for selling on a large scale, but admits, "I prefer making wedding cakes. They are big and a challenge. You spread the work out over several days."

Nancy explains why she decided to teach. "I was excited about it and it was not available, so I thought, 'Why not introduce it?'"

In addition to her teaching through Penn State Extension, Nancy also offers courses in her home, and will give any class with a minimum of five people. She asks for payment in advance, but will give a full refund with a week's notice. She also gives demonstrations, but prefers groups to come to her home where she has everything available.

Recently, Nancy held her first children's class and was delighted with the results. She said, "We dipped pretzels and marshmallows and made peanut butter cups."

Nancy also offers beginning classes in cake decorating which last six weeks. She says, "They are really fun, and it is easy. I teach them things they'll use."

Nancy sees several reasons for the interest in her courses, explaining, "There is a lot of satisfaction in it. Besides that it is delicious. It is really good candy. I tell my classes they can make candy themselves the way they remembered it." And when you're making your own, Nancy points out, you can proportion things like peanut butter cups to suit your fancy - either with lots of peanut butter or lots of chocolate.

Nancy adds, "It's always nice to be on the ground floor of something new, and candy-making is relatively new."

The economy may contribute to the interest too. She states, "When money gets tight people tend to do things at home. People take more pride in things they make,



Nancy Fasolt stirs the chocolate in her improvised double boiler, a glass jar in water in an electric fry pan. Nancy cautions that heat is one of chocolate's worst enemies and when melting chocolate a low temperature or hot water from the faucet should be used.

especially in tight times. And I think of candy-making as an art form. It is very creative. Your imagination just takes off."

In addition to the praise you receive when you give a gift of homemade candy, Nancy notes that you can also save money, up to fifty percent or more.

True, there is an initial investment for molds, but in some cases that is saved in the first pound of candy you produce. Nancy gives the example of making non-pareils, which in fine stores can cost from \$6 to \$6.70 a pound. Chocolate from Nancy costs \$1.75 a pound, and non pareil seeds cost \$.98 for a half pound, which goes a long, long way. A funnel cost \$.49, so Nancy says, "You break even on your first pound." A further advantage of making your own is that they can be made any size, and with any color seeds or chocolate.

Furthermore, Nancy says, "The molds can be used over and over. You can do practically anything after the initial investment."

One reason Nancy makes the candy making sound so easy is that she uses a "professional" grade of chocolate for dipping and coating. This chocolate has a vegetable oil base, not a coconut oil base, and there is no need to temper it. "You just melt it," she says. "You can also save it and remelt it."

An important thing to remember when melting chocolate is that water and excess heat are

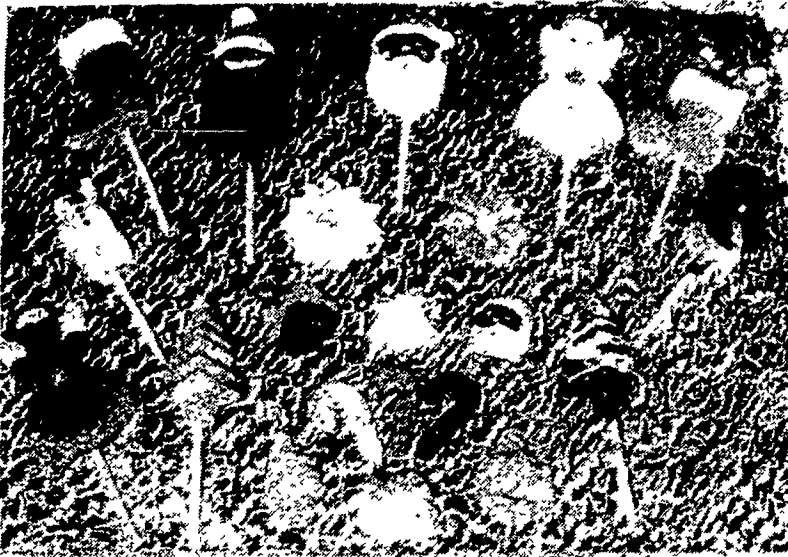
chocolate's two worst enemies. She recommends melting chocolate in the top of a double boiler or sauce pan over hot water out of the faucet. She says boiling water must never be used or the chocolate will become like a "mud ball" and nothing will make it suitable for coating and dipping.

An alternative method of melting chocolate, and one Nancy uses in her workshop, is to make your own double boiler by placing a wide mouth jar in water in an electric fry pan set at an extremely low heat. Nancy notes that her chocolates melt at a very moderate temperature, 98 degrees.

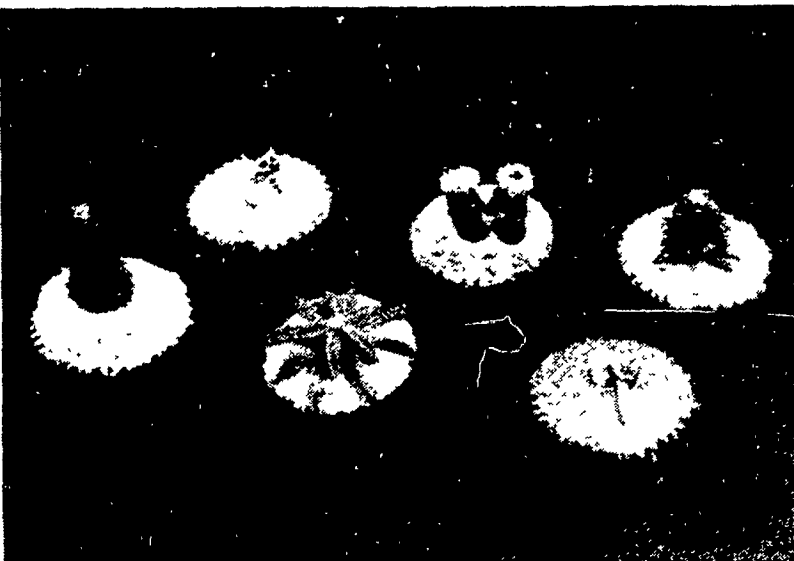
She points out that water, milk or other liquids should never be added to thin chocolate, or it will be ruined. In fact, white chocolate should be colored only with paste food colors as liquid colors will ruin the chocolate.

Nancy's family is very supportive of her - who wouldn't want to help a mother who makes such delicious goodies? Her husband, Terry, often helps carry the many boxes of materials she takes with her to her classes, and her girls enjoy helping to make some of the candies. They also like to help clean out the jars after her classes, and they make their own birthday treats out of candy. As for her husband, Nancy says, "He loves it." Carrie is 13 and Rebecca is 11.

(Turn to Page B4)



These candy lollipops offer unlimited possibilities for those with a sweet tooth, or for those who are looking for an unusual favor for the upcoming holidays.



These cupcakes are turned into something extraordinary by using a few decorator tips and your imagination. Boots, poinsettias, candles and pines are all possibilities.

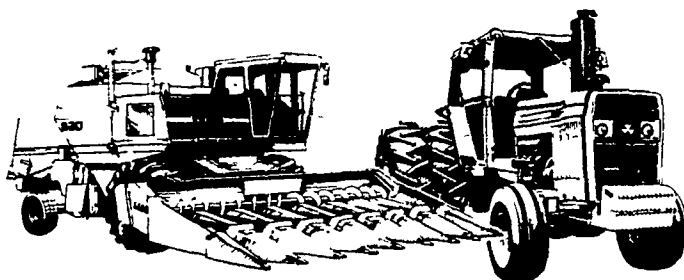


This candle and Santa Claus will brighten up any youngster's Christmas. Both are made from cupcakes. The Santa also uses a marshmallow and colored icing.

Homestead Notes

15% PRICE ROLLBACK IN DECEMBER

Plus Waiver or 13.9% APR Financing



That's right! All during December, we're rolling back prices 15% to MF dealers on every new Massey machine — and 25% on MF 4000 Series 4WD tractors. That means you should get some of the biggest savings your MF dealer has ever been able to offer.

Don't wait. Come in and buy now, because these savings apply only to new equipment purchased in December — just in time for year-end tax credits, too.

Choice of financing

If you buy now and qualify for financing through Massey-Ferguson, we'll make your deal even sweeter, with a waiver of finance charges

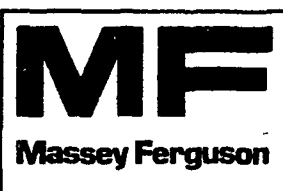
'til season of use, or 13.9% annual percentage rate financing for two years. It's your choice. See us now for all the details.

Waiver dates:

Tractors, implements,
industrial machines March 1, 1982
Hay tools May 1, 1982
Grain combines August 1, 1982
Corn/bean combines September 1, 1982

Used equipment savings too.

Waiver of finance charges and 13.9% financing options are also available to qualified buyers through MF on used machinery and equipment on our lot.



**Now more than ever,
Massey makes sense.**

**Hurry! These price rollback savings
are good only during December 1981**

PETERMAN FARM EQUIPMENT
225 York Road
Carlisle, PA
Ph: (717) 249-5338

S. G. LEWIS AND SON
West Grove, PA
Ph: (215) 869-9440
869-2214

MARLIN W. SCHREFFLER
Pitman, PA
Ph: (717) 648-1120

ABRACZINSKA'S FARM EQUIP. INC.
RD 1, Catawissa, PA
Ph: (717) 356-2323
(South on Rt. 42)

M. M. WEAVER & SON
N. Groffdale Rd.
Leola, PA 17540
Ph: (717) 656-2321

R.W. KELLER SALES
Perkasie, PA 18944
Ph: (215) 257-0101

SWARTZ'S GARAGE
RD 2
Richfield, PA 17086
Ph: (717) 694-3861

WYNNE'S GARAGE
RD 2
Canton, PA 17724
Ph: (717) 673-8456

ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
Ph: (301) 733-0515

LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: (717) 866-7518

N. H. FLICKER & SONS, INC.
Maxatawny, PA
Ph: (215) 683-7252

RANDALL FRANZEN INC.
RD #2
Woodstown, N.J. 08098
Ph: (609) 769-2300

WEB SNYDER INC.
RD 1
Watsonstown, PA 17777
Ph: (717) 538-5555

MEYERS IMPLEMENTS INC.
400 N. Antrim Way
Greencastle, PA
Ph: (717) 597-2176

GUS FARM EQUIP. INC.
Int. Rt's 616 & 214
Seven Valleys, PA 17360
Ph: (717) 428-1967

NEIMAN EQUIPMENT CO.
RD 4
Dover, PA
Ph: (717) 292-2101

LAWN CARE OF PA.
Martindale, PA 17549
1 Mile North of
Martindale on
Grist Mill Road
Ph: (215) 445-4541

Homestead Notes

(Continued from Page B2)

How can anyone work around all that chocolate and not eat it? Nancy says, "I'm losing my tast for it." She then admits that she's okay as long as she doesn't eat that first piece; after that, she's lost.

What did she do before she became so involved in candy-making? Nancy says, "I bowled, played racquet ball and bridge, but this is a lot more satisfying." She was a Girl Scout leader for three years and taught sewing in 4-H. She still enjoys sewing, but finds little time for it.

She teaches Sunday School and serves on the Administrative Board at Otterbein United Methodist Church, Lancaster.

The Fasolt family is now involved in the 4-H leader dog project, and are working with their German Shepherd dog, Radar. They are socializing the dog in preparation for acceptance into the leader dog training school. Nancy says it is truly a family project and one they are all enjoying because it is so worthwhile.

The Fasolts also enjoy traveling, and have visited 49 of the 50 states.

While Christmas and Easter are the busiest seasons for Nancy's classes, she also provides inspiration for other seasonal holidays. She frequently serves her candy when entertaining in her home and uses it as hostess gifts and for prizes at pinocle and bridge.

Nancy shared some ideas on

making cupcake holiday creations sure to please everyone in the family. Pictures are some ideas for using decorating tips to brighten the cupcakes, and directions for the Santa fellow.

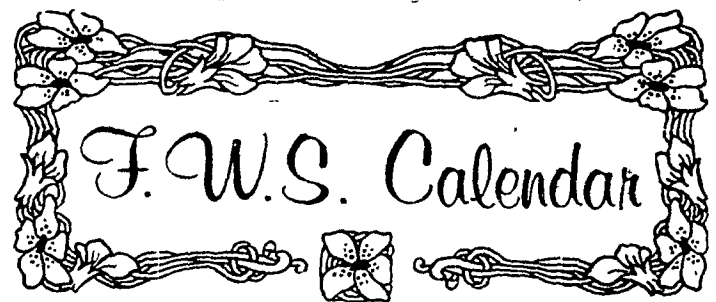
Santa is constructed of two cupcakes and a marshmallow. Trim one cupcake to make it square and place upside down on a base made of styrofoam. Bevel the other cupcake with scissors to make shoulders for Santa and place it on the upside down one. On top of that place a marshmallow and secure the three with a straw or candy cane pushed through to the base. Nancy recommends using a cake mix with pudding in it or some other recipe which makes a solid cupcake for best results.

Santa's fur and hair are made with a #16 tip; his belt with a #47; and a hat and bag piped with a #10. This Santa will look too good to eat and is sure to be a hit.

Peanut Butter Cups
1 jar. 18 oz. peanut butter
smooth or chunky
1 stick melted butter
or margarine
1 pound powdered sugar

Mix peanut butter and melted butter together with spoon. Add powdered sugar and knead by hand until smooth. Peanut butter mixture can be rolled into balls or eggs and dipped into chocolate or used for centers in peanut butter cups. To make peanut butter cups, put melted milk chocolate into the bottom of candy paper (small or medium size) until half full. Add a pat of peanut butter mixture and cover with melted chocolate. Let set up at room temperature.

Perhaps Nancy's tips will inspire you to make some sweets for Christmas, either to give as gifts or to just enjoy with those most special to you. Although Nancy jokes about not "making Christmas" this year because of her busy schedule, it's a certainty that some of her delicious homemade goodies will brighten friends' and relatives' Christmas celebrations.



Saturday, December 12
Lancaster Society 6 meets at the Church of the Brethren to hear the Wagner Children entertain families

Berks Society 5 meets for a Christmas banquet with Ray Christ, bell ringer

Lancaster Society 19 meets to see the live Christmas tree at Lynchburg, VA, and tour of Liberty Mountains

Lancaster Society 13 meets for a family Christmas party at the Ronks Fire Hall

Lancaster Society 28 meets for

Christmas party with husbands at Bird-in-Hand Motor Inn

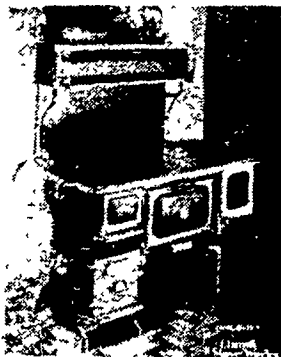
Wednesday, December 16
Lancaster Society 33 meets for a Christmas party and a covered dish dinner

Thursday, December 17
Lancaster Society 26 meets for a musical treat by Judy Musser
Lancaster Society 32 meets for a Christmas party

Saturday, December 19
Lancaster Society 3 meets with Deb and Jane Gregory to entertain children and for a gift exchange

HEADQUARTERS FOR A FULL LINE OF WOOD AND COAL STOVES

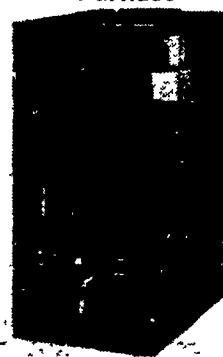
Elmira Oval
Wood or Coal Burning
Deluxe Cook Stove



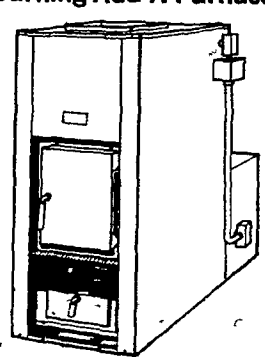
Enterprise
Airtight
Coal Furnace



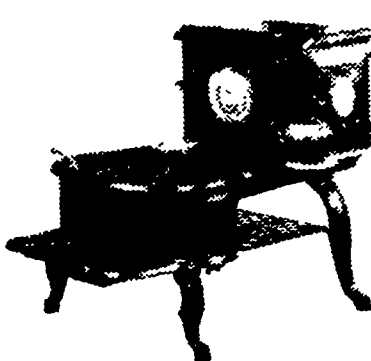
Monarch
Wood or Coal
Furnace



Monarch Quality
Airtight Wood or Coal
Burning Add-A-Furnace

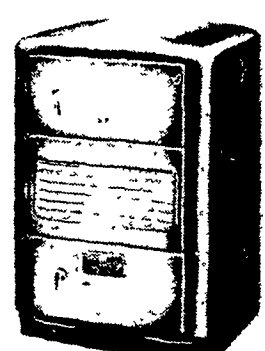
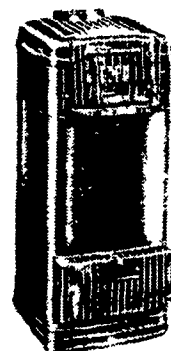
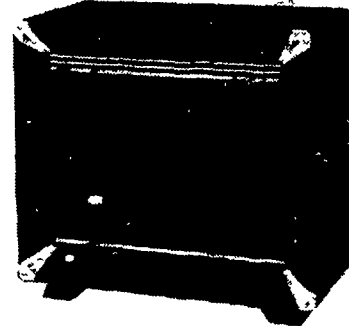


Enterprise
Queen Cook Stove



Warm Morning Coal & Wood Heaters

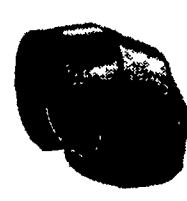
Wood Burning Circulator



STOVE PIPE AND FITTINGS



T-Joint
Black Oxide or
Galvanized Finish



Adjustable
Elbow

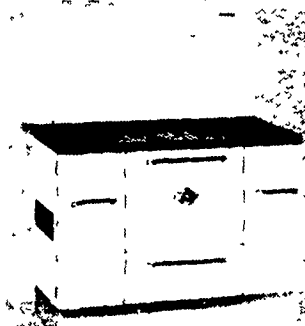


Cast Iron
Dampers

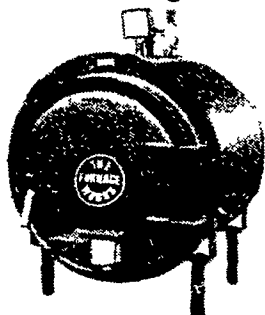


Round or Square
Chimney Brushes

Enterprise
Coal Range

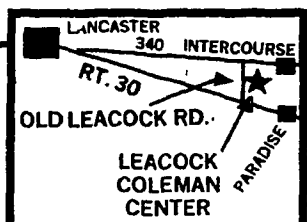


The SFB-3
Wood Burning Boiler



Connects to any
Hot Water System

STOVE & FIREPLACE REPAIR PRODUCTS



STOP IN AND SEE OUR FULL LINE DISPLAY

- Coal and Wood Ranges
- Heaters
- Cast Iron Stoves
- Fireplaces

LEACOCK COLEMAN CENTER

89 Old Leacock Rd., RD 1 Ronks, PA
Store Hours: Mon. thru Sat. 8-5; Tues. & Fri. Evenings till 8:30

LUMBERJACK LOGGING

Highest Prices Paid
for Standing Timber
Also buying dead
trees for firewood,
large quantities.

215-437-9967
after 6 p.m.

- BARN PAINTING
- ROOF PAINTING
- BIN PAINTING
- MASONRY & EPOXY COATING



• Sandblast preparation
Barn Painting In Lanc., York, Adams,
Harford, Baltimore, Carroll & Frederick
Counties

All work is guaranteed satisfactory.

"Call the Country Boys
with the Country Prices"

GEBHART'S
SPRAY PAINTING
AND SANDBLASTING

Agriculture - Industrial - Commercial
Box 145A, R.D. 4
Hanover, PA 17331
Ph: 717-637-0222

Think safety during Christmas

Lancaster Farming, Saturday, December 12, 1981—B5

YORK — For a merry holiday season, safe from fire, follow these helpful hints from A. Joan Lamberson, Extension home economist from York County.

—Keep Christmas tree base in water and remove the tree from the house when the needles begin

to drop. Do not place tree near stairs, halls or exits as it may block passage during a fire.

—Artificial metal trees present no fire hazard in themselves but they are shock hazards. Avoid attaching electric lights to metal trees — use a spotlight instead.

—Plastic trees should be made of fire-resistant material. Read the labels on boxes that artificial trees are packaged in to make sure you get one that's fire-resistant.

—Consider using natural or non-electric tree decorations such as bows or sparkling ornaments,

fabrics or dough ornaments, old-fashioned cookies, and popcorn and cranberry strings that you and your family can make.

—If you do use lights, check each string for frayed wires, loose connections and broken or cracked sockets. Lights should be securely fastened to the tree and positioned to avoid contact with needles or branches. Never put more than three sets of lights on one extension cord. When buying new lights, look for the U.L. symbol which tells you the product has passed safety standards.

—Check electric candles for frayed wires and cracks. Place candles in windows away from curtains. To turn off, pull the plug instead of unscrewing the bulb. And always disconnect these lights before going to bed or leaving the house.

—When decorating, avoid using wax candles near trees. Use noncombustible materials and keep away from chairs, sofas or people who might smoke. Do not use evergreen boughs for decoration for long periods of time.

—Fireplaces are not incinerators for Christmas wrappings or evergreen boughs. Such materials burn rapidly and will throw all sparks and burning

debris. Keep screen in front of the fireplace to prevent sparks from being thrown out.

—If you use outdoor lighting, make sure it's safe in rain or snow. Use only sockets, cords, plugs and bulbs designed for outdoor use. Also drape connections over a wooden spike to keep them above the ground and out of slush. As an added precaution, wrap insulated tape around each connection to keep it watertight.

—When putting up or taking down outdoor holiday decorations, or even when replacing a bulb, unplug the unit first, especially if you are standing on damp ground.

—The holiday season is party time. Use caution when emptying ashtrays. Be sure cigarettes are cold before throwing ashes into the trash. Guests can be careless, too. Watch for dropped cigarettes and matches.

—Woodstoves can be particularly hazardous. Any wood, cloth or paper touching a heating device could ignite. Be especially cautious with small children around stoves. Maintain a watch for sparks when drafts are open.

—Give a smoke detector as a gift to someone you love or ask Santa to bring you one if you don't already have one installed in your home.

UNCLAIMED FREIGHT CO. AND LIQUIDATION SALES

LANCASTER STORE

3019 Hempland Road - 717-397-6241
MONDAY - FRIDAY 10 A.M. - 9 P.M.
SATURDAY 10:00 A.M. to 5:00 P.M.
Off 30 West By-Pass at Centerville Exit

HOURS

YORK STORE

4585 West Market St. - 717-792-3502
MONDAY - FRIDAY 10 A.M. - 9 P.M.
SATURDAY 10:00 A.M. - 5:00 P.M.

HOURS



See Us For All Your Home Furnishings - Name Brands & High Quality - We Purchase Thru Bankruptcies - Store Refusals - Discontinued Merchandise - We Also Liquidate For Large Manufacturers - Priced At Wholesale And Under On Most Items - 2 Million Dollar Inventory.

CLOSED THANKSGIVING DAY

400 - Brass & Black - Glass w/ Screen Fire Place Enclosure's
Reg. \$79.95 - 139.95 **\$29.95**

Frontier Reproduction BB Rifle...Reg. 49.95 **\$28.50**

375 - Solid Cherry & Maple Beds... Single...Double...Queen
Reg. \$169.95 - 429.95 **\$19.95 & 29.95**

Rails \$10.00 extra
Bought 360 Box Spring & Mattresses From Mfg. Which Were Refused COD's
Reg. Our Price

19 Sets Singles ... 369.95 **\$139.95**

8 Sets Doubles... 389.95 **\$149.95**

2 Sets Queens ... 429.95 **\$159.95**

Balance of Set Are At Wholesale & Some 60 - 70% Off Retail

25 - Round Tables...Pine... 4 Chairs...Leaf...
Reg. \$389.95 **\$189.95**

17 - Bedrooms...Triple Dresser...Mirror...Chest... Headboard...Nite Stand...
Reg. \$669.95 **\$249.95**

252 Coils & 312 Coils same price Your Choice...Single
Sets...Reg. \$189.95 **\$69.95**

Double Sets...Reg. \$249.95 ... **\$89.95**

King & Queen Sets Too

191 - Swivel Seat...Padded...Heavy Duty Bar Stools...
Liquidating For Locale Mfg. Reg. \$89.95 - 99.95 **\$25.00**

200 - Lane Hope Chest...Uph. Seat...Early American & Trad...Reg. \$369.95 **\$119.00**

41 - Mattresses & Foundations... Headboards...Rails...
Reg. \$309.95 **\$109.95**

Table Lamps...Hope Chest...Dining Room Sets...Hutches...Corner Cupboards...Dry Sinks...Grandfather & Grandmother Clocks

250 - Lane Recliners...Sold at Wholesale Prices

130 - Chest 5 Drawers...Pine & Maple...Reg. \$169.95 **\$69.95**

25 - Student Desks...
Reg. \$189.95 **\$69.95**

37 - Double Ped Desks... Pine & Maple...Reg. \$209.95 ... **\$89.95**

5 Pc. Dinette Set...4 Uph. Chairs...Formica Top...
Reg. \$529.95 **\$179.95**

25 - 3 Pc. Early American... Nylon & Antron Prints
...Reg. \$2289.95 **\$529.95**

40 - 2 Pc. Early American Living Room...
Reg. \$1289.95 - 1889.95 **\$329.95**

Nylon Covers

45 - 2 Pc. Sofa & Chair... Covered in The Finest Fabric...Reg. \$1889.95 **\$429.95**

30 - Early American Bedroom Sets...Dresser...Large Attached Mirror...Chest... Nite Stand...Headboard
...Reg. \$1289.95 **\$479.95**

30 - Double Ped Desks... Finished Back...Locking File Drawer...Reg. \$589.95 ... **\$229.95**

20 - Large Roll Top Desks... Finished Back & Sides...
Reg. \$629.95 **\$269.95**

40 - Student Roll Top Desks
Reg. \$269.95 **\$98.95**

10 - Rec Room Sets...Sofa... Chair...Rocker...Party Ottoman...2 End Tables...
Reg. \$1689.95 **\$629.95**

12 - 13" Color TV's...
Reg. \$389.95 **\$225.00**

27 - 19" Color TV's...
Reg. \$569.95 **\$280.00**

20 - Pine End Table Sets... Formica Tops...
Reg. \$249.95 **\$109.95**

125 - Bunk Bed Sets... Complete...Pine & Maple...
Reg. \$409.95 **\$169.95**

80 - Hide-A-Beds...
Single...Reg. \$429.95 **\$189.95**

Doubles...Reg. \$649.95 ... **\$249.95**

Queens...Reg. \$1089.95 ... **\$349.95**

Antron -Nylon Love Seat Early American... Antron/Nylon Print...
Reg. \$869.95 **\$269.95**

Wood Rockers...All Sizes & Styles... 100's of Small Items...Tools...Perfume... Pictures...Mantel Clocks...
Just Received Some Toys...Stocking Stuffers...Jewelry

Free Layaway - Terms - Closed Sunday Ask Us About Warranty on Mds. Not Responsible For Typographical Errors

SOYBEAN ROASTING ON YOUR FARM DON'T WASTE IT - ROAST IT

FOR BETTER FEED EFFICIENCY HAVE YOUR GRAIN & BROILER LITTER ROASTED ON YOUR FARM

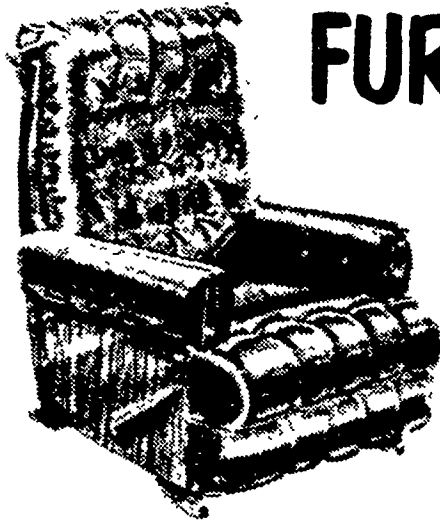


Call for more information
CUSTOM ROASTING DONE IN PA. AND SURROUNDING STATES

DALE L. SCHNUPP
RD 6, Lebanon, Pa. 17042
Ph: 717-865-6611

DAVID N. GROFF
RD 1, Box 506C
Lewisburg, PA 17837
717-965-3593

ALLEN SUMMERS
RD #1, Box 152-C
Nottingham, PA 19362
215-932-4761



FURNITURE NEW & USED

NOW THROUGH DECEMBER

\$25⁰⁰ off the purchase of any 2 or 3 piece living room suite.

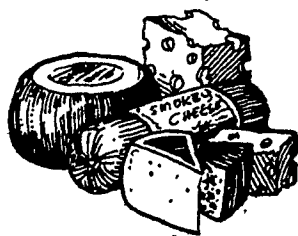
\$10⁰⁰ off the purchase of any recliner.

Recliners, living room suites, sofa beds, large variety of new bedroom suites in stock, dining room suites in oak, pine and maple, hutches, desks, bunkbeds, etc. Look for a few specials in new bedroom suites. Also good supply of Ashley wood and coal heaters.

Spring Air Box Springs & Mattresses

FISHER'S FURNITURE

BART, PA 17503
RT. 896 IN GEORGETOWN
Mon., Tues., Wed. & Sat. 8-5; Thurs. & Fri. 8-9



Home On The Range



Christmas cookies - No. 1 food tradition

Christmas cookies are a very special part of the holidays. No one who values this tradition is willing to do without them, although it may take several sessions of baking to complete the colorful collection.

These holiday treats not only make for nice snacking and entertaining but they are also wonderful gifts. It may take you half the night to wrap them gaily in fancy jars, boxes or tins, but you can be sure they're thoroughly appreciated.

To be at their best, use only fresh creamery butter because it imparts special flavor to the cookies. You'll notice too, that butter cookies use less sugar than other kinds.

SPRITZ COOKIES (Shown in picture)

1 c. butter
1/2 c. sugar
1 egg

1 t. vanilla

2 1/3 c. all-purpose flour

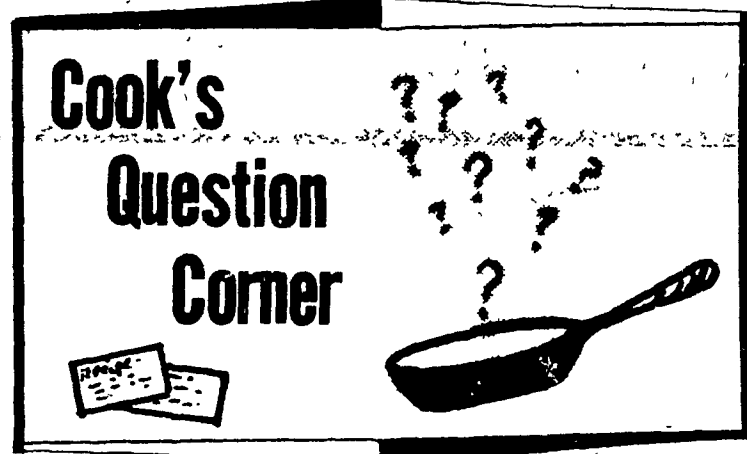
Preheat oven to 350 degrees. Cream butter; gradually add sugar and beat until light and fluffy. Beat in egg and vanilla. Gradually blend in flour. Fill cookie press. Using star attachment, form circles or "S's" on unbuttered cookie sheets or use other press designs. Decorate with sugar crystals, other candies or nuts or leave plain. Bake 8 to 10 minutes. Remove to wire rack to cool.

Variations:

Almond Spice: Substitute almond extract for vanilla; mix in 1/2 t. cardamom with flour before adding to creamed mixture.

Rum and Nutmeg: Substitute rum extract for vanilla; mix in 1/2 t. nutmeg with flour before adding to creamed mixture.

Chocolate: Add 1 square semi-sweet chocolate, melted and cooled, after vanilla.



QUESTION — I would like some cheese cake recipes. Can anyone help?

N. Fisher, Lancaster

ANSWER — In answer to a request for Magic Swirl Chocolate Cake, Lucinda Nolt of New Holland has supplied this one:
MAGIC SWIRL CHOCOLATE CAKE

1 c. butter
2 c. sugar
3 eggs
2 t. vanilla
2 3/4 c. all-purpose flour
1 t. baking soda
1/2 t. salt
1 c. buttermilk
1 c. canned chocolate syrup
1/4 t. baking soda
1 c. flaked coconut

Cream butter and sugar until light and fluffy. Blend in eggs and vanilla. Combine flour, 1 t. baking soda, and salt. Add alternately with buttermilk to creamed mixture.

Combine chocolate syrup and 1/4 t. baking soda; blend into 2 cups batter. Add coconut to remaining batter and pour into a greased and floured 10-inch tube pan. Pour chocolate batter over vanilla batter in pan. Do not mix. Bake at 350 degrees about 1 hour and 10 minutes. Cool 15 minutes. Remove from pan.

Recipe Topics

December

12 Cookies for Christmas
19 Popcorn favorites
26 Beverages for the holidays

January

2 Making vegetables exciting
9 Easy chicken dinners
16 Make it with beef



Celebrate your holiday with cookies that have long-lasting butter flavor. Several dozen Spritz cookies with their variations go a long way towards meeting your holiday needs. Their

shapes can be sprinkled with sugar or candy coated; their flavors might be butter, almond spice, rum nutmeg or even chocolate.

FRUIT COOKIES

1 1/2 c. raisins
1 1/2 c. currants
1 1/2 candied pineapple
1 1/2 c. candied cherries
1/2 c. thinly cut citron
1 1/2 c. broken nuts
1/2 c. butter
1 1/2 c. brown sugar
3 eggs, separated
1/2 c. evaporated milk
1 1/2 t. vinegar
2 c. sifted enriched flour
1/2 t. baking soda
1/2 t. salt
1 t. cinnamon
1 t. cloves
1 t. allspice
dash of nutmeg

Wash raisins and currants and drain well. Cut other fruit into small pieces. Cream butter until smooth and plastic. Add sugar gradually and continue creaming until free from sugar granules. Beat in egg yolks.

Stir vinegar into milk and add to butter mixture. Mix and sift flour, soda, salt and spices. Stir into butter mixture with the fruit and nuts.

Beat egg whites until stiff but not dry. Fold into batter. Drop by teaspoons onto greased cookie sheet.

Bake at 325 degrees for 20 to 25 minutes. Makes 8 to 10 dozen.



Chewy Party Squares

CHEWY PARTY SQUARES

2 eggs
1 c. firmly packed brown sugar
2/3 c. all-purpose flour
1/2 c. chopped nuts
1/2 c. coconut
3/4 t. vanilla
1 t. double-acting baking powder
1 4 t. salt
lemon glaze — below

Combine eggs and sugar in top of double boiler. Cook and stir over hot water until mixture is smooth, about 3 minutes. Remove from

heat; blend in flour, nuts, coconut, vanilla, baking powder and salt. Pour into a greased 8-inch square pan. Bake at 350 degrees about 20 minutes or until cake tester inserted into center comes out clean. Spread tangy lemon glaze over warm cake; cook thoroughly. Cut into squares.

Lemon Glaze: Place 1 cup sifted confectioners sugar in small bowl. Gradually add 4 t. hot milk, 2 t. lemon juice and 1/8 t. grated lemon rind. Blend well.

(Turn to Page B7)

Christmas cookies

(Continued from Page B6)

FORGOTTEN COOKIES

2 egg whites
1/2 t. salt
3/4 c. sugar
1 c. chocolate chips

Heat oven to 375 degrees. Beat egg whites and salt until stiff. Gradually add sugar. Fold chocolate chips into the meringue. Drop by teaspoons onto well greased cookie sheet. Place in oven and turn off heat. Leave in oven until oven is cooled. Do not open and peek! Makes 3 or 4 dozen.

Mrs. Carl Bacon, Felton

COCONUT KISSES

1/2 c. sugar
1/4 c. flour
1/2 c. raisins
1/2 c. candied cherries
3 c. coconut
1/2 t. salt
1/2 c. canned milk
1 t. vanilla
extra coconut

Combine all ingredients and mix well. Form into small balls and roll into extra coconut.

Mrs. Clarence Buckley, Liverpool

BILLY GOAT COOKIES

1/2 c. butter
1/2 c. lard or fryings
1 1/2 c. brown sugar
2 1/2 c. flour
3 eggs
1 t. vanilla
1 t. cinnamon
1 t. soda dissolved in 1/4 c. boiling water
1/4 t. salt
1 c. raisins
1 c. nuts

Cream first 3 ingredients. I have used fryings from chicken or pork for a fantastic flavor. Add eggs, vanilla, cinnamon and salt. Add flour and soda alternately. Work quickly. Then add raisins and nuts. Drop by spoonfuls on ungreased cookie sheet. Bake at 325 degrees until lightly browned.

Mrs. Valerie Weaverling, Osterburg

M & M COOKIES

1 c. shortening
1 c. brown sugar
1/2 c. white sugar
2 t. vanilla
2 eggs, beaten
2 1/4 c. flour
1 t. soda
1 t. salt

Cream together shortening and sugar and eggs. Sift and add flour, soda and salt. Add vanilla. Drop by teaspoons on cookie sheets and top with M & M candy before putting into oven. Bake at 375 degrees.

Mrs. J. L. Zimmerman, Terre Hill

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

CORDUROY FASHIONS NEED A LITTLE "TLC"

Corduroy is a popular fabric for winter fashions especially casual clothes. Today's corduroy is easy to care for, too — especially when you follow these laundry procedures.

Turn corduroy items inside out before washing. This prevents lint from clinging to the fabric. You should empty lint traps in both the washer and dryer before doing any wash load, but this is especially important when laundering corduroy.

Wash corduroy items before they are heavily soiled. This will let you use a gentle cycle for a short period of time. The prolonged agitation and rubbing of normal cycles may damage fabric surface. Use a fabric softener in the final rinse to keep fabrics soft.

Use warm water in the wash cycle to help keep the nap soft and

to reduce color loss. Dark-colored garments are susceptible to color loss, so wash them alone or with similar dark colored items.

When washing corduroy items by hand, simply squeeze suds through the fabric. Twisting and wringing will set creases and crush the fabric nap. Rinse by gently pressing water through the fabric.

To dryer dry corduroy garments, use a low setting or use the damp setting and remove them immediately from the dryer to prevent wrinkling. Hang on hangers and straighten or smooth to the original shape.

Pull seams taut to remove any puckers. When garments are completely dry, the nap can be fluffed up by brushing it in one direction.

Pressing may be necessary if you do not use a dryer. Drape a terry cloth towel over the ironing board and press on the wrong side using steam or a damp press cloth.

DEFROST REFRIGERATOR IN COLD WEATHER, TOO

Defrosting non-frost free refrigerators is a year 'round job if you want to use energy wisely and increase the life of your appliance.

It's important to defrost non-frost free models regularly — don't allow more than one-quarter inch of frost to build up. Frost acts as an insulator and makes the unit use more power to maintain desired temperature. Frost buildup also

cuts down on storage space in freezer compartment.

To defrost your refrigerator properly:

— Turn off refrigerator before cleaning.

— Review manufacturer's instructions for tips on removing and replacing food compartments, shelves and cleaning.

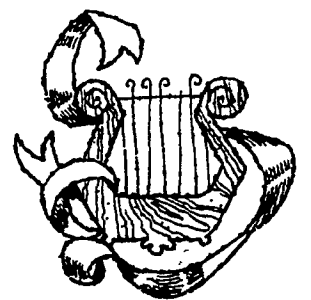
— Use milk baking soda and water solution to clean and freshen interior.

— While unit is disconnected, use a vacuum cleaner crevice tool attachment to clean condenser coils and around the compressor and other working parts. Condenser coils are located behind the bottom grill panel or in the back.

— Removing dust and dirt, which make the motor and compressor work harder, will not only save energy but will add life to the appliance.

— If unit has a power save switch to eliminate moisture from forming on exterior in humid weather, you can now turn the switch to normal or dry to save energy.

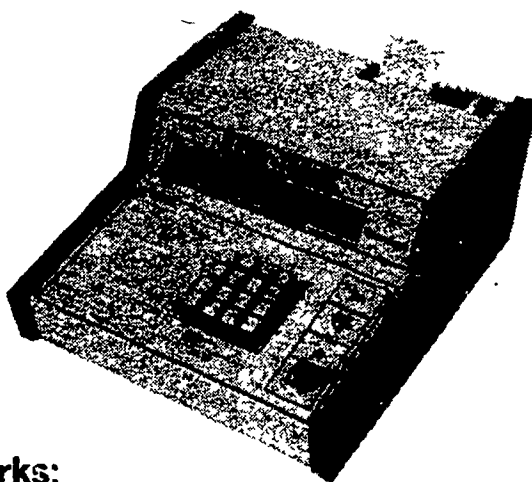
If you were running a second refrigerator to cool summer foods and beverages, don't forget to turn it off if you aren't using it. Remember to allow some air circulation inside the unit to avoid mold growth. But keep in mind the hazards to children of unused refrigerators. Remove doors or turn unit to face a wall so children won't be tempted to play inside.



DAIRY-TRONIC

The Computerized Feeding System that automatically feeds each cow in exact proportion to her milk production

- Maximum milk production with the least feed possible.
- Prevents overfeeding low producers.
- Fits any size herd.
- Easy to operate.
- Saves labor.
- Simple modular installation.
- Each individual cow or total herd feed allotment can be changed by just pressing a few buttons on the computer.
- The computer can be located up to 1 mile from the feeders.
- It can feed a herd with up to 4 different rations consisting of high moisture corn or ground ear corn, complete feed, concentrate or other ingredients.
- Improves herd health.
- Controls body weight.
- Positive identification.
- Increased production and feed savings far exceeds the monthly leasing cost.
- No maintenance cost with our extended warranty program.



How The Dairy-Tronic Works:

Each cow wears a tag with a large engraved number for easy visual identification. The tag never has to be changed or removed. When the cow puts her head in the feeder the computer identifies her. If she is at the right feeder and is allowed some feed the metering auger starts and the computer records the amount she eats. The metering auger stops as soon as a cow eats her allotment or when she backs away from the feeder. A special mark appears on the daily printout if a cow eats less than her amount programmed, indicating the possibility of sickness, or coming in heat.

For More Information Write or Call:
MARTIN DISTRIBUTORS INC.

520 Prescott Rd., Lebanon, Pa. 17042
Phone (717) 866-4906 or 4555

**DEALER
INQUIRIES
INVITED**

AUTHORIZED SALES & SERVICE DEALERS

**WEST WILLOW
FARMERS ASSN. INC.**
PH: 717-464-3386
West Willow, PA
PH: 717-529-2113

KEYSTONE MILLS
PH: 717-354-4616
717-738-1088
RD 3, Ephrata, PA

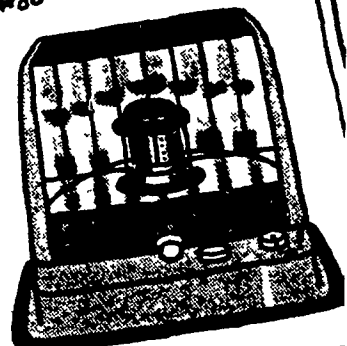
ALBRIGHTS MILL
PH: 215-756-6022
Kempston, PA

KREIDER MILLS
PH: 717-789-3535
Loysville, PA

K&K FEED INC.
PH: 717-866-2324
Richland, PA

MARTIN'S ELEVATOR
PH: 301-733-2553
Hagerstown, MD

Here's
wishing you
lower
fuel bills



A Kero-Sun™ Portable Heater: the gift for times like these.

With a Kero-Sun™ Portable Heater, like this Radiant 10 model, you can leave your thermostat turned low and save money in the months ahead.

They burn kerosene with 99.9% fuel efficiency for odorless, smokeless operation. And Kero-Sun Portable Heaters need no chimney. Battery-powered ignition system and automatic shut-off device. Safety tested and U.L. listed. There are nine models to choose from. Makes a heartwarming,

money-saving gift for family and friends. See a demonstration today.



The good news in home heating.

Bowman's Stove Shop, Inc.

R.D. 3, Napierville Road, Ephrata, PA 17522

Follow the signs from the Light at Hinkletown

Hours - Tues., Wed., Sat. 9-5, Thurs. & Fri. 9-9, Closed Monday



717-733-4973
Financing Available



Ida's Notebook

Ida Risser



Our children were home from college for ten days and what a busy time it was. The time seemed to fly by too quickly.

I spent a lot of time cooking and baking for them. One day we had a fried rabbit for dinner that my husband shot. And for supper we had country-style pheasant that I shot. In fact, there is a story behind

that bird.

As I was working at the kitchen sink, I noticed several cockbirds in my garden. So I grabbed my single barrel shotgun and an extra shell and hurried outside and waited for them to come into view. Then I shot two with one shell and was quite pleased with myself as they were the only ones that we got.

The one had a band on its leg and a Sportsman's Club wanted to know "where" it was shot. I told my son that I wrote and told them "one pellet in its neck." Of course, I was only kidding as I knew they wanted to know the locality.

The children were a big help! Jeffrey caulked all of our storm windows and helped to put up two new ones while he was home. Cindy put oats straw on all the strawberries and Philip helped to put boards on the south end of the

calf barn. But now they have returned to their studies and I must think of sending Christmas cards and letters.

When I look over the list each December, I think of it as a time of reckoning. Names are deleted by deaths, new ones added by marriage and birth and there is a constant fluctuation as family members change. Even though members change, through it all

remains the permanence of "family."

And when we decide to remove a friend's name from the list, because they no longer remember us with a card, that will be the year that they will send one to us. Deciding on a final list can take almost as much time as addressing the cards. I feel that we must try to decide on whether or not a greeting from us will bring joy to the recipient and not think of the cost of postage and cards.

Dairy farmers, give yourself a pat on the back

LANCASTER — Milk is still tops with kids says a survey published in October, 1981.

The report states that milk is still the most popular beverage at mealtime for children, with 81 percent of all children drinking milk or flavored milk drinks at breakfast, and nearly 50 percent at lunch and dinner.

When milk hit its peak in 1980 — with a 128.4-billion-pound total — nearly 60 percent of the beverage milk produced was consumed as whole milk and nearly 30 percent was skim milk.

Few will disagree that U.S. agriculture is the best in the world — each farmer producing enough food for himself and 56 other people. And dairy farmers deserve extra kudos because they are often considered the most efficient part of agriculture due to their breeding and feeding expertise.

Back in 1955 there were more than one million dairy farms with about 25 million cows. The average cow that year produced 5,842 pounds of milk.

In 1980, the number of dairy farms ranged in estimates from

170,000 to 300,000. The nation's cow herd numbered 10.8 million with the average cow producing 11,813 pounds of milk; and yet this is the year milk leaped to its 128.4 billion pound total.

But despite this efficiency, the United States does not lead in the consumption of milk. The same survey mentioned above points out that though the U.S. enjoys its milk, Scandinavians are the largest consumers of fluid milk, with a per-capita consumption figure more than double that of the U.S. —DK

Patz

★ Barn Cleaners, Manure Pumps, Manure Stackers, Silo Unloaders, Bunk Feeders, Feed Conveyors

MARVIN J. HORST

DAIRY EQUIPMENT

1950 S. 5th Avenue, Lebanon, Pa. 17042
Phone: 717-272-0871

QUARRYVILLE
DRUG CO. INC.

CHRISTMAS GIVE-AWAY

MANY
PRIZES -
COME IN
TODAY
FOR DETAILS



GIFTS

COME TO QUARRYVILLE DRUG -
We Enjoy Helping You Select
Your Gifts For Your Loved Ones.

We Have All
The Latest
Fragrances &
Cosmetics -
For Men &
Women

We Have Many
New Gift Ideas
in our new
expanded Card
& Gift Room!

NOT SURE OF
WHAT TO
GIVE??
We Have Gift
Certificates
From \$5.00 Up

OF COURSE - WE GIFT WRAP
FREE OF CHARGE

COME & SAVE AT THE
FRIENDLY DRUGSTORE.

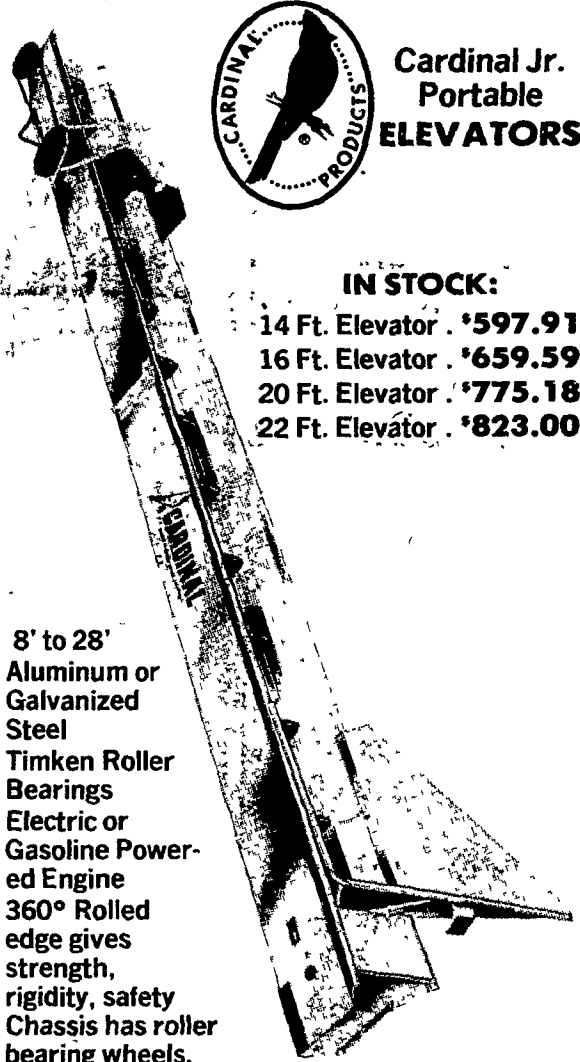
SENIOR CITIZEN DISCOUNT (Age 60) — AFTER
HOURS EMERGENCY SERVICE — PATIENT
RECORD SYSTEM — LOCAL FREE DELIVERY OF
ALL PRESCRIPTIONS
(Quarryville Area)

QUARRYVILLE DRUG COMPANY

15 E. State St., Downtown Quarryville, Pa.
717-786-3100
Next to Dollar General

BIG EARLY ORDER WINTER DISCOUNT ON GRAIN BINS

Our Prices Will Surprise You!



Cardinal Jr.
Portable
ELEVATORS

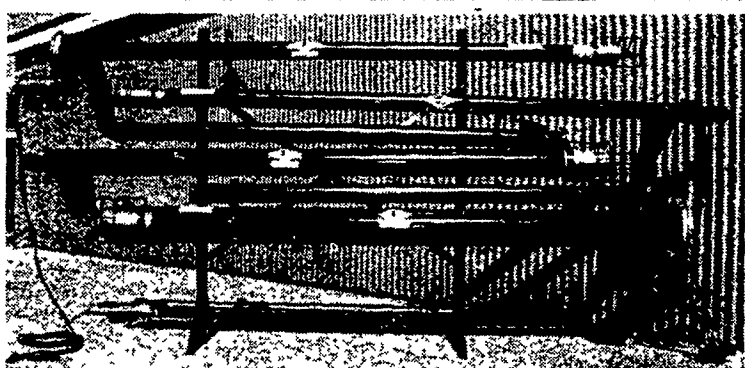
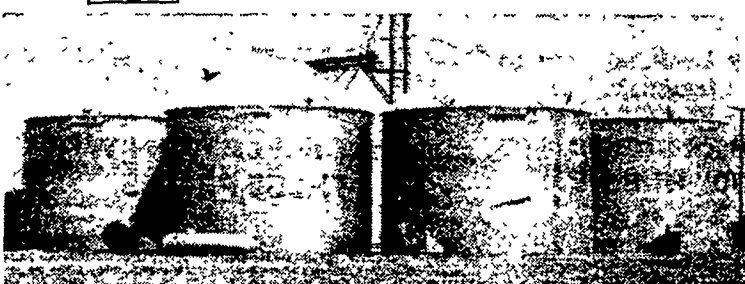
IN STOCK:

14 Ft. Elevator . \$597.91
16 Ft. Elevator . \$659.59
20 Ft. Elevator . \$775.18
22 Ft. Elevator . \$823.00

- 8' to 28'
- Aluminum or Galvanized Steel
- Timken Roller Bearings
- Electric or Gasoline Powered Engine
- 360° Rolled edge gives strength, rigidity, safety
- Chassis has roller bearing wheels.



GRAIN SYSTEMS INC.
FARM BINS



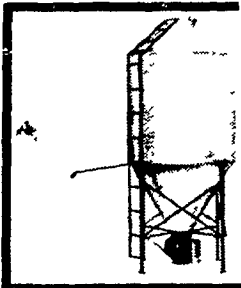
FLEX AUGERS, 4", 6" & 8" AUGERS

WE SPECIALIZE IN

**FEED BINS AND
AUGER SYSTEMS**

★ G.S.I. - New Feed Bins
Coming

★ Read - Need
★ Schuld - Parts
CALL US!



★ FULL LINE PARTS DEPARTMENT ★ WE SELL, SERVICE & INSTALL

EMHERR EQUIPMENT, INC.

Serving The Industry for
Over 20 Years

RD 1, Rt. 272 S., Herrville Rd.,
Willow Street, PA
Phone: 717-464-3321

**Having Grain
Drying Problems?
CALL US**

WE STOCK

- GRAIN BINS
- FEED BINS
- PORTABLE AUGERS
- VERTICAL AUGERS
- TRANSPORT AUGERS
- U-TROUGH AUGERS
- FLEX AUGERS
- AUGER FEEDERS
- GRAIN DRYER
- AERATION FANS

- CHANNEL LOCK FLOOR
- BIN SWEEPS
- PIPE SPOUTING
- MOISTURE TESTER
- MOTORS, BELTS & PULLEYS
- GRAIN CLEANERS
- IN BIN STIRRING SYSTEMS
- GRAIN SCATTERS

Go countrywide for Christmas breakfast

BY DEBBIE KOONTZ

LANCASTER — When Christmas comes, it is celebrated all over the world and each country has their own traditions to uphold when it comes to serving the favored Christmas foods.

Here in the United States the traditions, run from ham on the dinner table to cookies neatly set out for Santa to eggnog on Christmas eve.

But since the United States is made up of a conglomeration of several ancestries and several religions, almost anything goes (as goes the old saying) and almost every dish is tradition somewhere in the far corners of the country.

So this Christmas serve an extra special breakfast derived from

dishes from all over the U.S.

Start off Christmas day with freshly-baked bagels. The bagel is a Yiddish term for an old-time Jewish yeast-dough roll shaped like a doughnut with a hole in the center. It is cooked in simmering water before being baked. It isn't sticky or greasy and its hard crust is notorious. Possessing the same nutritive value as bread, the bagel is no more fattening. Favorite things to spread on bagels are cream cheese and lox (smoked salmon) and melted butter.

BAGELS

1/4 c. butter
1 1/2 T. sugar
1/2 t. salt
1 c. scalded milk
1 oz. compressed yeast

1 egg white

3 3/4 c. sifted enriched flour

Add butter, sugar, and salt to scalded milk. When lukewarm, add yeast, well beaten egg white and the flour. Combine well knead and let rise until doubled in bulk. Cut off the small pieces and roll the width of a finger and twice the length, tapering at the ends.

Shape into rings, pinching the ends together well. Let stand on a floured board only until they begin to rise. Fill a large pan half full of water. Place over heat and when very hot, but not boiling, drop the dough rings in carefully one at a time.

Cook under the boiling point till they hold their shape, then turn with a skimmer and continue to

cook. They must be light and keep their shape when handled.

Place on a thin ungreased baking sheet and bake in oven at about 400 degrees until the bagels appear golden brown, first on one side and then the other.

From our south-western border come the famous tortillas. Tortillas are thin, flat cakes made of pounded corn baked on a hot iron stone. They are used in Mexico and sometimes in southern Texas in place of bread.

TORTILLAS

3 c. yellow corn meal
2 c. sifted enriched flour
3 t. salt
4 T. shortening
1 to 1 1/4 c. lukewarm water

Mix corn meal, flour and salt together. Add shortening, mix well, and then add 1 cup of the water until all ingredients form a ball and bowl is clean.

Put on the counter and knead well, then divide into balls about 1 1/2 inches in diameter. Let the balls stand about 20 minutes and

then flatten

Place on an ungreased skillet and cook about 1 1/2 to 2 minutes. Turn and cook another minute. Serve

From the south comes a famous breakfast cereal — grits. Grits are grain, especially hominy, coarsely ground.

GRITS AU GRATIN

3/4 c. grits
3 c. boiling water
1 t. salt
1/2 lb. sharp cheese, grated
1 c. milk
1/2 c. buttered breadcrumbs
1/4 t. paprika

Slowly stir grits into boiling, salted water in top of double boiler over direct heat. Cover. Place over boiling water and continue cooking 45 minutes, stirring.

Alternate layers of cooked grits and grated cheese in greased baking dish. Add milk and breadcrumbs and paprika. Bake in 325-degree oven for 30 minutes

Care for poinsettias

LANCASTER — To keep your Christmas Poinsettia in good condition throughout the holidays and afterwards special care is needed.

Place the poinsettia where it will receive the greatest amount of sunlight — in south east, or west exposures — and where the plant is not exposed to cold-air drafts, such as near an outside doorway or on a window sill. Do not place the plant near a radiator, furnace register or fireplace.

Poinsettias grow best in tem-

peratures which average 60°F (15°C) at night and 70° F during the day, also the temperatures recommended for conserving energy

Avoid over-watering, too much water damages roots and causes the plant to wilt.

When the colored bracts begin to fade, reduce the amount of water and place the plant in a cool place 40°F to 45°F. Allow the plant to receive some light. Keep it slightly damp until May when it should be repotted.

The BED & FURNITURE WAREHOUSE

40%-60% OFF All Stock

WE GUARANTEE LOWEST PRICES IN CENTRAL PA.



Over \$½ Million Inventory
ENJOY YOUR XMAS SHOPPING AT LOW OVERHEAD WAREHOUSE SAVINGS

Lane, Restonic, PeopLounger, Bassett, Spring Air, Lancer, Serta, Cochrane, Sterlingworth & many more.

100's of Living Rooms, End Tables, Lamps, Wall Units, Rockers, Dinettes & Dining Rooms, Hutches, Dry Sinks, Curios, Bookcases, Bunk Beds, Bedrooms, Hide-A-Beds, Youth Groups, Hope Chests, Bar Stools, Bar Sets & much more.



BAR STOOL
30" Hi-Back
\$33.00

BEAT INFLATION WITH THESE PRICES

WINE TABLE
\$14.50

CHILDS' ROCKER
\$26.50

HALL-TREE
\$22.50

2 Pc. MATTRESS SET
Sgl. **\$66.00**
Dbl. **\$78.00**

BOSTON ROCKERS
\$49.50

BRAIDED RUGS 9'x12'
\$88.00

Youth Group by Bassett
Dresser
More Desk
pieces Chest
available Hutch Top
Mirror

	Reg.	Sale	Our Price
Dresser	249.95	189.95	144.00
Desk	249.95	189.95	144.00
Chest	209.95	149.95	128.00
Hutch Top	209.95	149.95	128.00
Mirror	69.95	49.95	37.00
Captain's Bed	319.95	249.95	148.00

Bunk Bed Set (Complete, incl. bedding)
Oversized Pit Group

309.95	209.95	138.00
1809.95	1229.95	848.00

RECLINERS
\$88.00

GUN CABINET
12 Gun
\$258.00

WALL HUGGERS
\$178.00

TELEPHONE TABLE
\$23.95

BENTWOOD ROCKER
\$68.00

LANE HOPE CHEST
\$139.50

3 Pc. DINETTE SET
\$76.00

3 Pc. BAR SET
\$156.00

5 Pc. DINETTE SET
\$118.00

DRY SINK
\$138.00

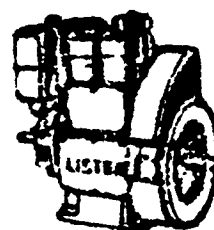
3 Pc. Wall Unit	409.95	289.95	178.00
Hide-A-Bed (dbl)	509.95	349.95	218.00
6 Pc. Family Room Set	1209.95	789.95	528.00
2 Pc. Living Room Set (Nylon)	809.95	509.95	378.00
5 Pc. Bedroom Set	709.95	469.95	298.00

HRS: Mon.-Fri. 10 A.M. - 8 P.M. Sat. 10 A.M. - 4 P.M.
LAYAWAYS & TERMS AVAILABLE

MANHEIM - MT. JOY EXIT ON RT. 283
RAPHO INDUSTRIAL PARK - BLDG. #3
717-653-8096

SMUCKER'S SALES SERVICE, INC.

RD #2, BOX 21
NEW HOLLAND, PA 17557



SALES & SERVICE FOR:
LISTER, PERKINS & DEUTZ DIESELS



2 Cyl. F2L-912

We Have SR2 12 h.p. Lister Diesels, as is or rebuilt.

- Good used diesel engines
- New Sputnik wheels and parts

We mount diesels on balers, crimpers, cornpickers, etc.

Bulk Tanks, with something in common . . .

PERFORMANCE!

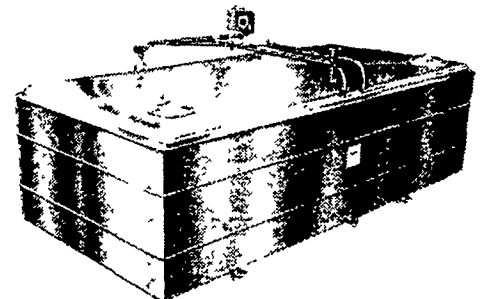
AMBASSADOR
500 To 6000 Gal

OR

D-4 DIPLOMAT
200 To 1000 Gal. Sizes



GIRTON
We do the complete installations.
12 volts D.C. or 115-230 volts AC



- FULLY-FLOODED GIRTON COLD PLATE
- STAINLESS STEEL CONSTRUCTION
- CAN USE R-12 OR R-22 REFRIGERANT
- URETHANE (FOAMED IN PLACE) INSULATION

FOR PROMPT SERVICE CALL
717-354-4158 OR IF NO ANSWER
CALL 717-354-4374

Do yourself a favor:

Spend wisely this Christmas

BY DEBBIE KOONTZ
LANCASTER — Americans spent almost \$7 billion for toys in 1980.

To make matters worse, nearly 75 percent of those sales occurred at or around Christmas time.

Wow.

Poor Santa. How could he do it? We've all seen pictures of his sleigh. It could not hold \$7 billion

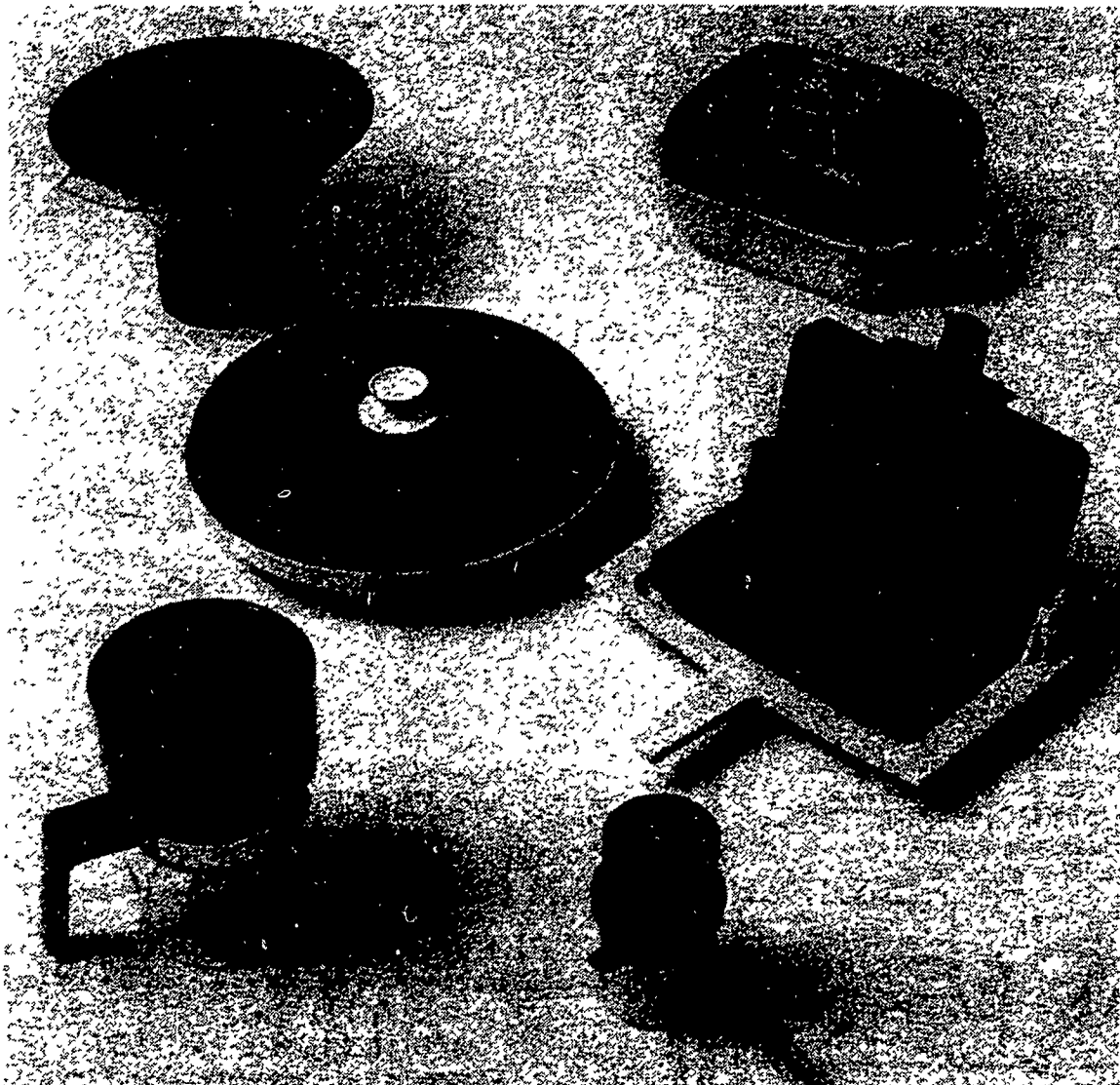
worth of toys. Either people are getting bigger trees or our stockings are made for size 48 feet.

Why do we let this happen? As consumers grumbled their way to the supermarkets prepared to pay "unreasonable" prices for food, and we on the farm snarled about a depressed economy over coffee and marmaladed toast, were we actually harboring a video game or

a Weeble's doll house in our closet all wrapped and bowed for the little ones on our list?

Every year around holiday time, children make lists of their Christmas wishes. Parents in turn are bombarded with requests for expensive toys that children claim they really want.

(Turn to Page B12)



This new line of small microwave appliances has been introduced by Raytheon Company, which developed one of the first microwave ovens back in 1946. The accessories include a

popcorn popper, New England steamer, drip coffee maker, pizza oven, grill, and espresso coffee maker and can be used in any full size microwave oven.

Appliances add new dimension to microwave cooking

LANCASTER — The gift-giving holidays are coming quickly and you need something to give that special person who has everything — including a microwave oven. Help is on the way with a new generation of small microwave cooking appliances.

Whether your specialty is steamed lobster or crab, crispy-crust pizza, oil-free popcorn, or a perfect cup of coffee, the microwave oven is fast becoming the most versatile appliance in anyone's kitchen. Today, nearly one-third of all American homes has one.

What sets these small cordless appliances apart from cookware used in a microwave oven is the technology itself — the appliances are actually powered by the oven's microwave energy to cook the food with conventional heat at microwave speed. What makes the products even more interesting is that they were developed by Raytheon Company, whose engineers first discovered microwave cooking nearly 35 years ago.

The line includes a New England Steamer (\$39.95 list price), a Pizza Oven (\$32.95), a Popcorn Popper (\$14.95), an Espresso Coffee Maker (\$19.95), a drip coffee maker (\$29.95), and a steak and sandwich grill (\$39.95).

To prepare nutritious meals quickly and easily, from gourmet French Potted Chicken to a traditional New England boiled dinner, the steamer fills the bill. This versatile cooker features two separate cooking racks and is large enough to hold two lobsters — perfectly steamed, rather than boiled, in just 12 minutes. A single basket holds vegetables for crisp cooking — or four hot dogs and rolls steamed "ball park style" in only 7½ minutes.

Popcorn is a favorite TV snack for the football gang and late-night movie fans. Now anyone in the family can quick-cook popcorn in a microwave oven with the Popcorn Popper, without the calories of oil or greasy pans to clean. And popping corn by microwaves eliminates those burned or half-popped kernels. From bag to bowl in four minutes, making popcorn is easy for everyone.

If the cook on your list has a crowd to feed, the Pizza Oven can help. Plain cheese or loaded with extra-special toppings, pizza goes from freezer to table in less than 15 minutes. There's no oven to preheat, and you'll please those who like a crisp crust or deep-dish style pizza with no burned edges.

Freshly brewed coffee in only minutes? It's easy with the new four-cup coffee maker. Fresh

water is heated to the perfect temperature, then released to flow through the coffee grounds to extract robust flavor and aroma. The coffee maker features a built-in fine mesh filter basket.

When a blizzard howls outside, you'll recall perfect summer cookouts with "The Grill" and your microwave oven. The grill's special top and bottom pans quickly sear steaks, chops, or hamburgers, sealing in juices and flavor for a charcoal-broiled appearance and taste. You can also quickly grill sandwiches for a lazy lunch in less than two minutes of cooking.

What could be a better ending to that special dinner than espresso coffee? In the espresso maker, water is heated and quickly forced under pressure through the coffee grounds, just like the best espresso makers found in European restaurants. Two cups of perfect espresso are ready in just three minutes.

Raytheon microwave appliances can be used with any microwave oven. Through efficient use of microwave power, these small appliances use less energy than traditional small electric appliances. Raytheon's small microwave appliance line is available nationwide at department and microwave specialty stores.

See your nearest

SPERRY NEW HOLLAND

Dealer for Dependable Equipment and Dependable Service:

Alexandria, PA

Clapper Farm
Equipment
Star Route
814-669-4465

Annaville, PA

B.H.M. Farm
Equipment, Inc.
R.D. 1
717-867-2211

Carlisle, PA

Paul Shovers, Inc.
35 East Willow Street
717-243-2686

Catawissa, PA

Abraczinskas Farm
Equipment, Inc.
R.D. 1
717-356-2323

Chambersburg, PA

Clugston
Implement, Inc.
R.D. 1
717-263-4103

Davidsburg, PA

George N. Gross, Inc.
R.D. 2, Dover, PA
717-292-1673

Elizabethtown, PA

Messick Farm
Equipment, Inc.
Rt. 283 - Rheem's Exit
717-367-1319

Gettysburg, PA

Yingling Implements
R.D. 9
717-359-4848

Greencastle, PA

Meyers
Implement's Inc.
400 N. Antrim Way
P.O. Box 97
717-597-2176

Halifax, PA

Sweigard Bros.
R.D. 3, Box 13
717-896-3414

Hamburg, PA

Shartlesville
Farm Service
R.D. 1, Box 170
215-488-1025

Honey Brook, PA

Dependable Motor Co.
East Main Street
215-273-3131
215-273-3737

Honey Grove, PA

Norman D. Clark
& Son, Inc.
Honey Grove, PA
717-734-3682

Hughesville, PA

Farnsworth Farm
Supplies, Inc.
103 Cemetery Street
717-584-2106

Lancaster, PA

L.H. Brubaker, Inc.
350 Strasburg Pike
717-397-5179

Lebanon, PA

Evergreen
Tractor Co., Inc.
30 Evergreen Road
717-272-4641

Lititz, PA

Roy A. Brubaker
700 Woodcrest Av.
717-626-7766

Loysville, PA

Paul Shovers, Inc.
Loysville, PA
717-789-3117

Lynnport, PA

Kermit K. Kistler, Inc.
Lynnport, PA
215-298-2011

Martinsburg, PA

Forshey's, Inc.
110 Forshey St.
814-793-3791

Mill Hall, PA

Paul A. Dotterer
R.D. 1
717-726-3471

Nazareth, PA

Edwards Farm
Equipment
291 West
Moorestown Rd.
215-759-0240

New Holland, PA

A.B.C. Groff, Inc.
110 South Railroad
717-354-4191

New Park, PA

M&R Equipment Inc.
P.O. Box 16
717-993-2511

Oley, PA

C.J. Wonsidler Bros.
R.D. 2
215-987-6257

Palm, PA

Wentz Farm
Supplies, Inc.
Rt. 29
215-679-7164

Pitman, PA

Marlin W. Schreffler
Pitman, PA
717-648-1120

Pleasant Gap, PA

Brooks Ford Tractor
W. College Ave.
814-359-2751

Quarryville, PA

C.E. Wiley & Son, Inc.
101 South Lime Street
717-786-2895

Ringtown, PA

Ringtown Farm
Equipment
Ringtown, PA
717-889-3184

Shippensburg, PA

R.B. Miller, Inc.
N. Seneca St.
717-532-4178

Silverdale, PA

I.G. Sales
Box 149
215-257-5135

Tamaqua, PA

Charles S. Snyder, Inc.
R.D. 3
717-386-5945

West Chester, PA

M.S. Yearsley & Son
114-116 East
Market Street
215-696-2990

West Grove, PA

S.G. Lewis & Son, Inc.
R.D. 2, Box 66
215-869-2214

Churchville, MD

Walter G. Coale, Inc.
2849-53
Churchville Rd.
301-734-7722

Rising Sun, MD

Ag. Ind.
Equipment Co., Inc.
1207 Telegraph Rd.
301-398-6132
301-658-5568
215-869-3542

Bridgeton, NJ

Leslie G. Fogg, Inc.
Canton &
Stow Creek
Landing Rds.
R.D. 3
609-451-2727

Washington, NJ

Frank Rymon & Sons
814-793-3791

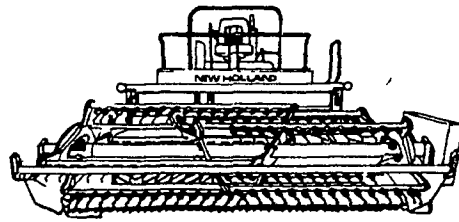
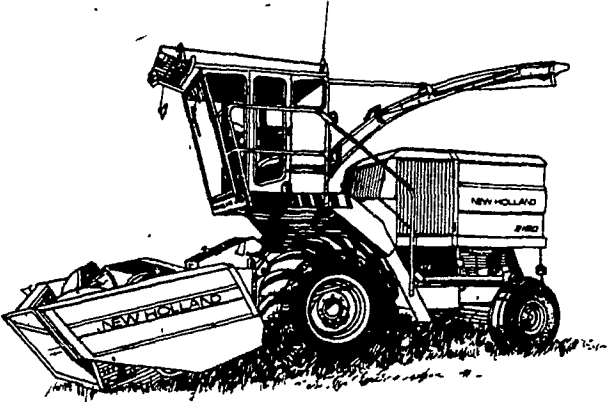
Woodstown, NJ

Owen Supply Co.
Broad Street &
East Avenue
609-769-0308

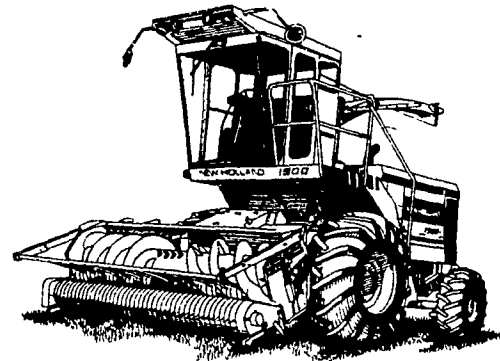
Calling All FARMERS...

JUST IN TIME FOR YOUR YEAR END PURCHASES!
SPERRY NEW HOLLAND HAS SPECIAL CASH REBATES
'TIL DEC. 31.
TAKE ADVANTAGE OF THESE REBATES OR FREE FINANCE:

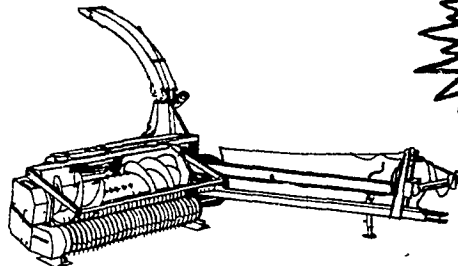
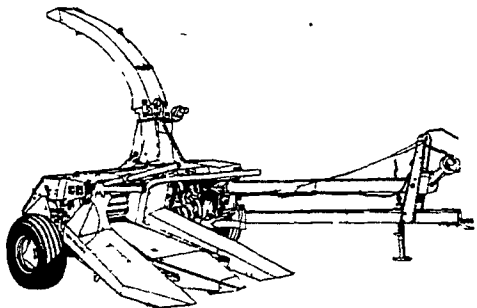
HAYTOOLS-JUNE 82; FORAGE-AUGUST 82; COMBINES-JUNE 82 ON SMALL GRAIN; SEPT 82 ON CORN



**MODEL 1495
CASH REBATE OF \$1600**

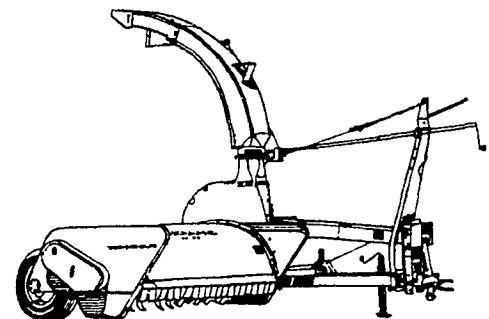


BIG REBATES ON S.P. HARVESTERS - \$5500 ON MODEL 1900 OR 2100

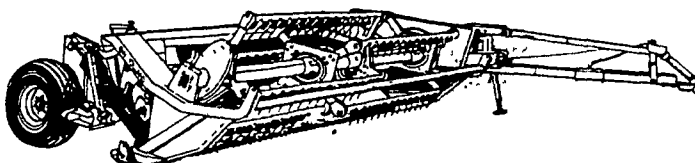
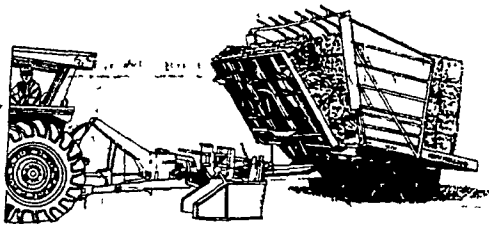


REBATES OF \$900 ON 782 AND 892 PULL TYPE HARVESTERS

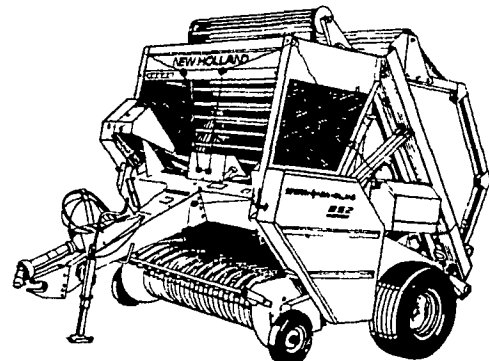
**HURRY - THESE
REBATES LAST
UNTIL THE END
OF DECEMBER**



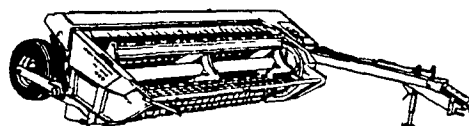
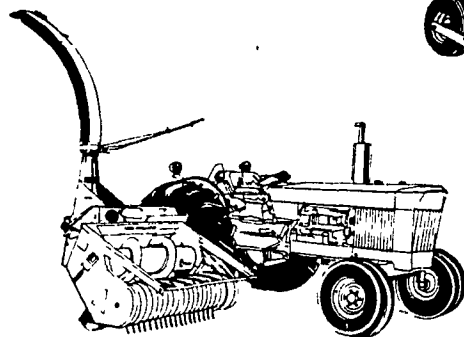
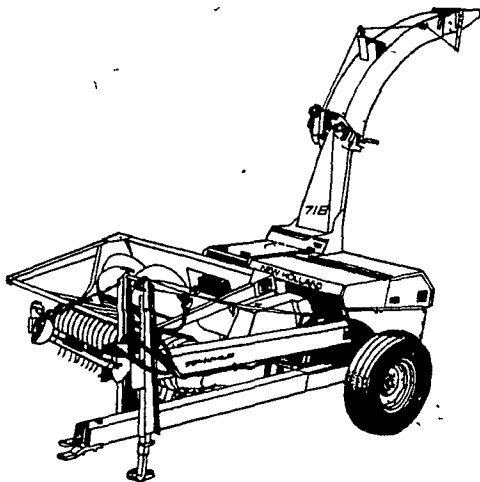
**REBATES OF \$250 ON FLAIL CHOPPERS,
FORAGE BOXES DISC MOWERS AND
MODEL 85 BALE HANDLERS**



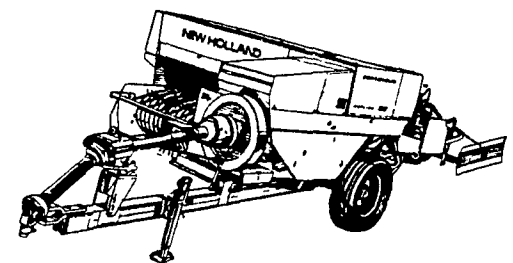
**\$600 REBATE
ON**



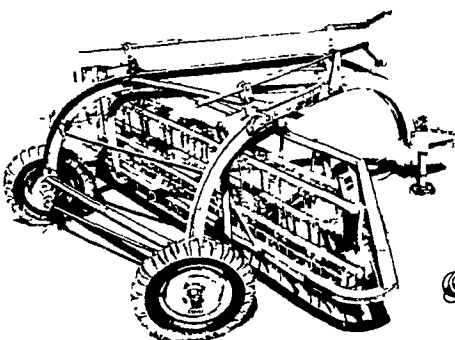
**BALE WAGONS - MODELS 1002, 1003, 1036, 1037; MOWER CONDITIONER MODEL
495; ROUND BALERS MODELS 846, 847, 857, 852**



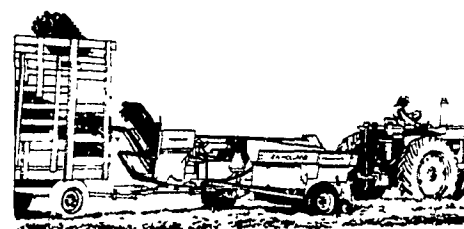
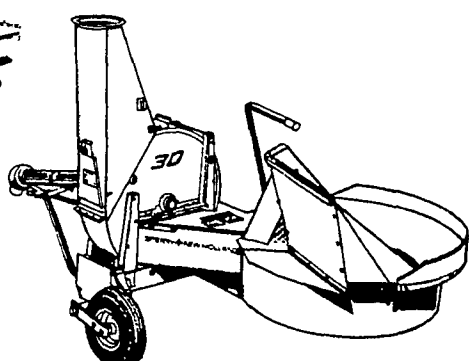
**REBATES OF
\$400
ON**



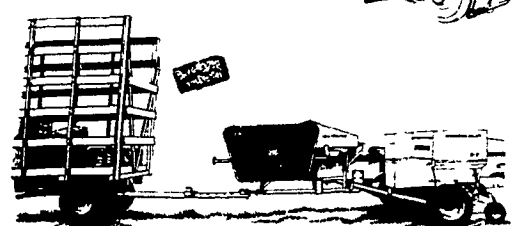
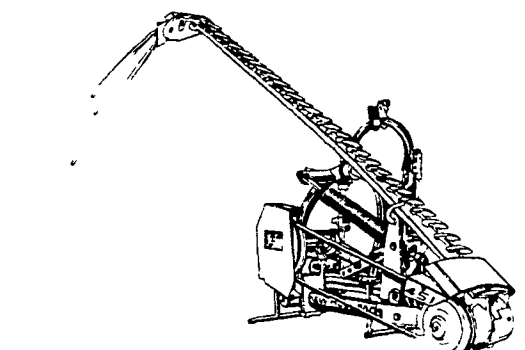
**FORAGE MODELS 718, 707; MOWER CONDITIONERS MODELS 472, 474, 488, 489,
AND BALERS MODELS 310, 311, 315, 320**



**REBATES OF \$125 ON
RAKES AND BLOWERS**



**REBATES OF \$100 ON
SICKLE BAR MOWERS
AND BALE MOWERS**



Spend wisely

(Continued from Page B10)

Unfortunately these toys are usually "do-everything" toys that children saw advertised on television. What we need to remember as friends and parents when shopping is that many toys children see advertised and eventually find under the tree, aren't fun to play with at all. The toys that flash, run, produce, make noises and do tricks are simply something to watch. These toys get boring very fast.

The more things a child can do with a toy himself, the more play potential the toy has.

There once was a time when, as children, we thought we'd grow up and give our "irreplaceable" toys — those wonderful, simple toys — to our children.

But, for some of us, the "next" generation is just now beginning to move into the toy-receiving stage and already our toys are outmoded. Take a look at your old toys:

—Our wind-up dog can't teach one to count, read or sing. Our baby dolls don't cry, wet, or say "mama" in seven different languages. Worse yet, our tinker toys are all breakable.

—Your plastic army men would surely be blown apart if shot by the new flashless laser guns on the market today.

—Oh sure, our race cars could still win races — maybe — that is if you're racing downhill.

—And remember your Barbie doll? She's outdated. Barbie, who

has been around for nearly 20 years, seems to get a new body build, tummy tuck and face lift every year.

Our Barbie's hair won't grow by pushing a button, her skin won't tan and her body won't bend into a pretzel.

Bet your Barbie didn't have an office or a house except those you made yourself with cardboard and material. Right?

Today's Barbie has a camper, a sailboat, a beauty pageant stage, a hairdresser, a penthouse apartment, a motorcycle, a sports car, a jeep, a supermarket and a wardrobe twice as big as the average woman's.

The only thing Barbie doesn't have is land and a farm. At least most of us have her beat in this capacity.

Toys... toys... they're everywhere. It's a sad thing today to ask a child if he has a certain toy and watch him stop and think for three minutes to remember if he does or not.

So this season, make Christmas a special, worry-free, happy, inexpensive time for you and your children. Don't dread Christmas' coming because you feel you have to go to the shopping malls and fight crowds just to walk away with an empty wallet and a loaded charge card. Why carry the Christmas blues into January and February in the form of large bills? By then most children are looking for other toys to play with anyway.

Choose animals for food carefully

UNIVERSITY PARK — Illness in animals generally causes a rise in body temperature, making it difficult to reduce the temperature of a slaughtered carcass. This slow cooling contributes to rapid fermentation near the bone and in the thick parts of the carcass.

Every precaution must be taken when choosing animals for food and, it is not always easy to distinguish between the early and more advanced stages of a disease.

Besides the danger of transmitting the disease to humans who consume the food unknowingly, meat from diseased animals is hard to keep.

Strict federal and state inspection laws make it almost impossible to get diseased meat that was prepared in an inspected

slaughter and packing house. Inspection laws do not apply to those who butcher for their own family and non-paying guests.

Penn State offers a noncredit correspondence course titled Dressing and Curing Meats. It discusses the choosing and preparation of cattle for butchering at home as well as cutting and processing, lard rendering, preserving meats, and processing meat products and, curing and smoking meats.

You can get your copy of the course to use as a reference when you butcher by sending \$8.25, including mailing, to BUTCHERING, Box 5000, University Park, PA 168023. Make check payable to PENN STATE.

Spend small and think big. Have you ever seen the fun children can have with a huge cardboard box? A house, a fort, a cabin, a castle, a barn — all possible from a cardboard box.

Of course, you don't want to give

a cardboard box for Christmas so fill it with candy, balls, books and lots of stuff.

Most children love to spend hours playing with their pets — be they dogs, cats, rabbits or even colts and calves. A puppy or a cat

can be a longtime friend and makes a great Christmas present. Imagine your child's face when he/she sees a puppy under the tree.

So this Christmas when selecting toys, do your wallet a favor and follow the advice of home economist Joan Lamberson: "It isn't so much what the toy can do that's important, it's what and how much the child can do with the toy that makes it a valuable tool in play."

HIGH PRESSURE WASHING

OF POULTRY HOUSES AND VEAL PENS

BARRY L. HERR

1744 Pioneer Road, Lancaster, Pa.
Phone: 717-464-2044

COMPLETE FARM PAINTING

INDUSTRIAL



RESIDENTIAL

COMMERCIAL

We Use Quality Paint
AERIAL LADDER EQUIPMENT

- Modern and Efficient Method
- Reasonable Prices
- Spray-On and Brush-In Method
- Sandblasting if Necessary

For Free Estimates Write or Call:

ESH SPRAY PAINTING

717-687-7007 or 687-8262

SPRAY-ON AND BRUSH-IN PAINTER

637 Georgetown Rd.
Ronks, PA 17572

FRESH COWS

SPRINGERS

EVERY WEDNESDAY IS



DAIRY DAY

AT NEW HOLLAND SALES STABLES, INC.
New Holland, PA.

If you need 1 cow or a truck load, we have from 100 to 200 cows to sell every week at your price. Mostly fresh and close springing holsteins.

Cows from local farmers and our regular shippers include Marvin Eshleman, Glenn Fite, Kelly Bowser, Bill Lang, Blain Hoffer, Dale Hostetter, H.D. Matz, and Jerry Miller.

SALE STARTS - 12:00 SHARP

Also Every Wednesday,

Hay, Straw & Ear Corn Sale - 12:00 Noon

All Dairy & Heifers must be eligible for Pennsylvania Health Charts.

For arrangements for special sales or herd dispersals at our barn or on your farm, contact:

Abram Diffenbach, Mgr.

717-354-4341

OR

Norman Kolb

717-397-5538

HEIFERS

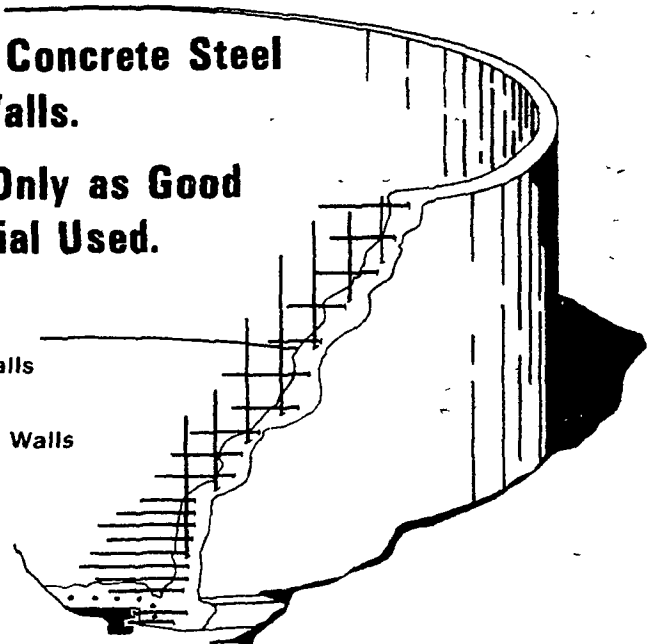
BULLS

THE STRENGTH IS IN THE CONSTRUCTION

■ Poured Solid Concrete Steel Reinforced Walls.

■ The Wall is Only as Good as the Material Used.

- Manure Pit Walls
- Hog House Walls
- Chicken House Walls
- Concrete Decks
- House Foundation Walls
- Cistern Walls
- Barnyard Walls
- Concrete Pit Tops
- Silage Pit Walls
- Retaining Walls



All sizes available
Round or rectangular

Take the questions out of your new construction
Call: **Balmer Bros.** for quality engineered walls.

Invest in Quality - It will last a lifetime.

Balmer Bros.

CONCRETE WORK, INC.

410 Main St. • Akron, PA 17501 • (717) 859-2074 or 733-9196

M.H. EBY, INC.

Manufacturer of All Aluminum Truck Bodies
Livestock, Grain & Bulk Feed



Aluminum Livestock Body

Distributor of

TIMPT

Refrigerated Trailers

Sales & Service

Blue Ball, Pa.

717-354-4971



Lancaster Co. Society 5

Lancaster Society 5 held their family gathering at the home of Ruth Geesaman, recently.

Forty-five Society and family members attended.

The program for the evening centered around Christmas with everybody exchanging gifts and singing carols.

The next meeting for Society 5 will be at the home of Minerva Lentz.

Lancaster Co. Society 10

Lancaster Society 10 met at the home of Wanda Cox, Harrisburg Pike, to hold their annual Christmas party.

A gift of \$60 was donated to the Christ Home in Paradise. Delegates to the state convention

will be: Sue Dietrich, Wanda Cox, and Anette Haboecker.

The next meeting of Society 10 will be at the home of the new president: Sue Dietrich, East Petersburg.

Lancaster Co. Society 27

Lancaster Society 27 met recently with husbands and guests and traveled to Longwood Gardens to enjoy their Christmas display.

Featured along the tour were a

concert, poinsettias and fragrant spring flowers.

Everyone stopped at Gap Diner on the way home.

Cumberland Co. Society 15

Cumberland Farmmen 15 held its annual Christmas party on December 5 at the Huntsdale Fire House.

Joyce Wardle presented guessing games for entertainment which included a brief version of

the dating game.

Other features were Christmas carols and a visit from Santa Claus.

The next meeting will be held on January 21 at the home of Janice Yorlets, Carlisle.

Lancaster Farming, Saturday, December 12, 1981—B13

Attention: Farm Women Societies

To all Farm Women Societies: Lancaster Farming would like to request that you send in your 1982 yearbooks as soon

as possible so we can continue coverage of your scheduled events in the Farm Women Calendar.

Berks Co. Society 11

The November meeting of Berks Society 11 was held recently at the home of Nancy Bashore, Bethel.

Guest speaker for the evening was Joanne Weidman, Lebanon

County dairy princess. She spoke on milk and other nutritious food.

The next meeting will be at the home of Rose Hibshman on December 14 and will include a gift exchange.

Berks Co. Society 6

Berks Society 6 held their annual Christmas party at the Moselem Springs Inn.

Entertainment included Bobby Ray, professional accordionist and comedienne.

New officers for the 1982 year were installed and new committee members were named: They are: Sally Hauseman, and Mrs. Earl Monerh Sales. Mrs. Richard

Schlegel and Mrs. Carl Herbein, Disaster; Nora Schweitzer, Mrs. Earl Hoffman, Sunshine; Mrs. Jake Hartz, Mrs. David Bauer, and Mrs. Robert Noll, Program; Mrs. Randall Hetrick and Mrs. Steve Hetrick, Scrapbook.

The next meeting will be held in the home of Mrs. Steve Hetrick, Rt. 1, Oley on Tuesday, January 19.

York Co. Society 1

York County Society 1 met at the Grand View Golf Club for their annual Christmas party.

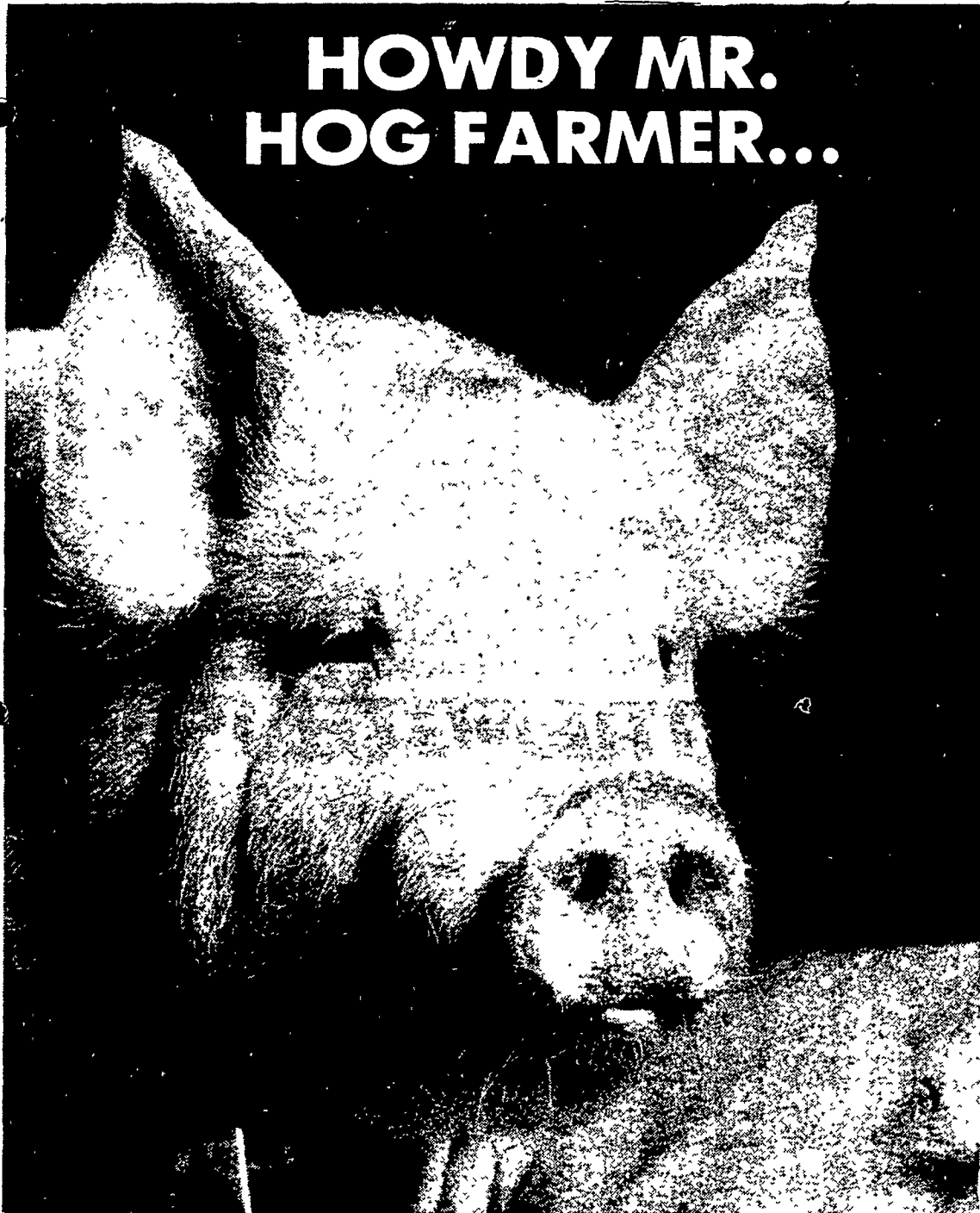
Mrs. Martell Todd from Indiana gave a talk of farming in her state.

Other entertainment included

the Rev. Vought from the Lutheran Memorial Church in York who played his guitar and sang.

The next meeting will be held January 6 at the home of Evelyn Paige.

HOWDY MR. HOG FARMER...



Contact us at Hershey Equipment Co. about our hog equipment. It takes a lot of planning, knowledge and experience to develop a profitable confinement operation. We will assist you in the planning and recommend the most efficient arrangement of equipment. This service we provide will blend the building and equipment together to form a practical, labor saving, economical hog system for top quality hogs.

Give Me Your Attention Please!

IT PAYS TO RAISE HOGS IN A SYSTEM DESIGNED BY HERSHEY EQUIPMENT CO.

Gestation Systems

reduce stress and the opportunity for fighting

Farrowing Systems

are designed with both the sow and farmer in mind.

Finishing Systems

are designed using top quality penning and feeders.

Nursery Systems

include pig rearing cages or penning equipment.

HERSHEY EQUIPMENT SELLS THE BEST & SERVICES THE REST



H
HERSHEY EQUIPMENT
COMPANY, INC.

SYCAMORE IND PARK
255 PLANE TREE DRIVE
LANCASTER, PA 17603
(717) 393-5807

Route 30 West of
the Centerville Exit

DESIGNERS OF QUALITY SYSTEMS FOR POULTRY, SWINE & GRAIN HANDLING.

USDA reports export sales activity for China

WASHINGTON, D.C. — Private exporters today reported to the U.S. Department of Agriculture the following export sales activity: —220,000 metric tons of soft red winter wheat for delivery to China during the 1981-82 marketing year and the second year of the U.S.-China Grain Agreement.

The marketing year for wheat runs from June 1 to May 31, and for corn from Oct. 1 to Sept. 30.

To date, China sales and exports of wheat and corn for delivery during the first agreement year—Jan. 1 to Dec. 31, 1981—totalled 8,248,200 tons, 7,809,300 tons of

wheat and 438,900 tons of corn.

This includes 2,759,000 tons of wheat and 215,100 tons of corn for the 1980-81 marketing year, and 5,050,300 tons of wheat and 223,800 tons of corn for the 1981-82 marketing year.

China sales for delivery during the second agreement year—Jan. 1 to Dec. 31, 1982—total 1,745,000 tons, 1,715,000 tons of wheat and 30,000 tons of corn.

This includes 1,665,000 tons of wheat and 30,000 tons of corn for the 1981-82 marketing year and 50,000 tons of wheat for the 1982-83 marketing year.

AUTHORIZED DISTRIBUTOR

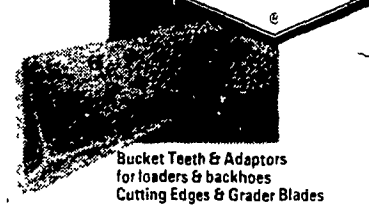
Itrac

Featuring the exclusive I-Loc Split-Master-Link with sealed and lubricated chains.



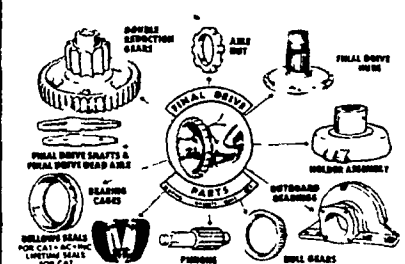
DISTRIBUTOR FOR

PACAL BLADES



Bucket Teeth & Adaptors for loaders & backhoes Cutting Edges & Grader Blades

FINAL DRIVE PARTS



UNDERCARRIAGE REBUILDING

Complete undercarriage rebuilding of crawler tractors, cranes & shovels

TRACK PRESS SERVICE

Pins & bushings turned for all size tractors from the smallest to the HD 41

GROUSER BARS

for loaders & dozers

DISMANTLING FOR USED PARTS

Crawler tractors including Caterpillar, Allis Chalmers, International, Terex & John Deere

NEW UNDERCARRIAGE AND FINAL DRIVE PARTS

CUTTING EDGES AND BUCKET TEETH

Call for Inventory & Price Lists

State Line Machine Inc.

200 OWENSBY DRIVE, WILMINGTON, DEL. 19810

(302) 478-0285

(CONCORD PK. & PENNA. DEL. STATELINE)

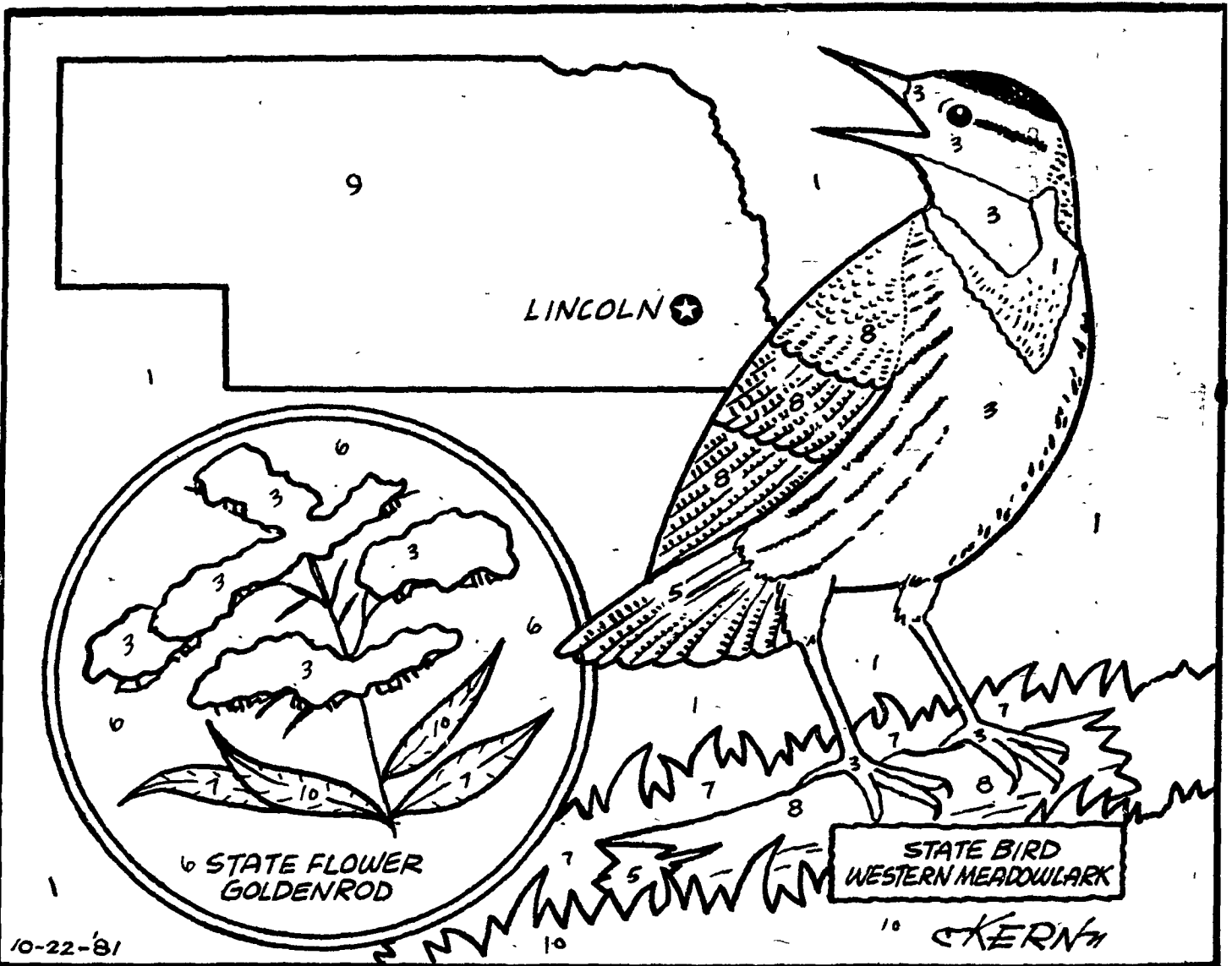


Kid's KOrner

COLOR THIS!

- | | |
|-----------|---------------|
| 1. PEACH | 6. ORANGE |
| 2. RED | 7. GREEN |
| 3. YELLOW | 8. LT. BROWN |
| 4. BLUE | 9. LT. BLUE |
| 5. BROWN | 10. LT. GREEN |

NEBRASKA IS A LEADING FARM STATE. ITS BIGGEST CROP IS CORN. ITS NAME COMES FROM AN INDIAN WORD "NEBRATHKA" MEANING "RIVER OF FLATNESS". THE SOUTHERN FARMS PRODUCE WHEAT, CATTLE, CORN AND HOGS. THESE ARE THE BIG MONEY MAKERS IN THE STATE. AT LEAST 1 MILLION ACRES OF THE FARMLANDS ARE IRRIGATED. NEBRASKA CAME INTO THE UNION IN 1867 AS THE 37TH STATE.



Horses need regular exercise

SCHUYLKILL HAVEN — Proper winter care of saddle horses includes daily exercise, a good diet of hay, and protection from rain, snow, drafts, and strong winds, says James P. Gallagher, Extension animal scientist at Penn State University.

Regular daily exercise is especially important if horses are stalled. Serious foot and leg troubles can develop during long periods of inactivity.

Space and a light rope will do much to solve the exercise problem. The rope may be attached to the horse by knotting one end loosely around the horse's neck, or to a ring in the noseband of a longeing halter (cavesson).

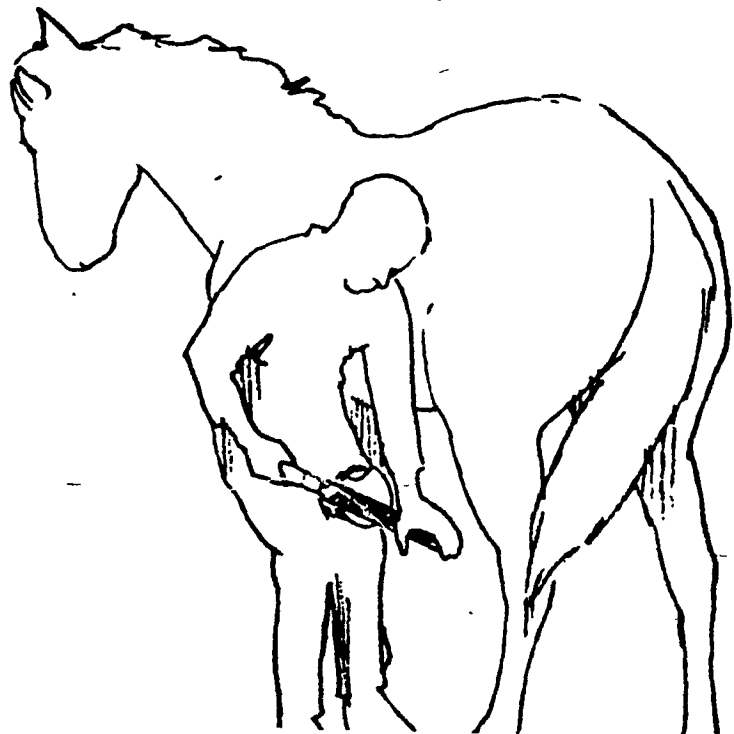
The trainer stands in one place and lets the horse run in a circle around him. Fifteen or twenty minutes of this exercise daily will

help keep the horse in good shape, explains Gallagher.

It is also a good idea to take off the horse's shoes and let the horse run barefoot during the winter, says Gallagher. If the horse is ridden regularly during the winter, leave the shoes on. In either case, his feet should be trimmed about every six weeks.

Horses develop a thick coat of hair in the wintertime and do not need to be kept in a tight barn or closed shed. They do, however, need a dry place where they can get out of the rain and snow and also shelter from drafts and cold winds.

Good quality hay meets most of a horse's nutrient requirements if worked little during the winter. Free access of salt and a mineral mixture should be available, adds Gallagher.



Words that are connected with Foods Nutrition can be found among these letters. The words are sometimes read forward, at other times backwards, up, down or diagonally. Draw a circle around the word and check it off at the bottom of the page. Some of the words overlap.

N O I T A Z I N E G O M O H A B Y S C E M D R
I N G R E D I E N T S C F H I G J R K E E L E
F H I O R Q R S X V C E G M R N O O P U A Q C
G J L N O I T A R O P A V E S U W T Y L S A O
K M N A P T U L Z A B S N R T U X A Z A U M N
L S T N E I R T U N D E B S C E F L G V R O S
T U H I J R K L M M M T O G P Q F U R D E I T
I O S G T H E U U I W A X G Y Z R G A O M T I
S I B N C T J D C A L O R I E E F O E G O E K T
S T H I I L J K L K M D E I F I T R O F N R U
U I N Y O A P G R S A Y T U U W E X Y Z T O T
E R A U B E C D Y E F H G F R U I T S H S P E
S T I B A H I T R T J O I L S K N L M U O A D
U U P Q R S I B T A U B V A W X Y Z A B C O D
R N E F G L H Y T E I R A V E G E T A B L E S
O I J K A L M M O M P A Q O R S N E T U V Y L
H W X T Y Z A M B C D C E R F G O G H I J T A
P K I L M S E A S O N M N U O P I D R Q S I R
S V R S T A U V W X Y Z A O B G H T U E A U L E
O C I D L N E F S D I U L F G H A B F R P A N
H H F T I J O K L R O L O C M G R K R E P T I
P N I C A L C I U M O P Q I R I A S I N L I M
T M S R U M V S T A P L E S W E P X G T I P Y
E K H L O R I M A S X Y E A R W E F E E S V
L H S P R N U I S A I G I M Q V P D A W S H T
A I M A S T A I S A I G I M Q V P D A W S H T
B J N Q L C V W Z C B E I E G A R O T S K O U
E K L I K E S X E K C F J D R W Z E I H L P V
L L O S T A F R A S D G K N S X A F O I M Q W
S U B S T I T U T I O N L O T Y B C N J N R X

- | | | | |
|-------------------|-------------------|------------------|--------------------|
| 1. nutritious | 15. cereal | 29. season | 43. hospitality |
| 2. nutrients | 16. fruits | 30. sale | 44. breakfast |
| 3. snacks | 17. vegetables | 31. labels | 45. basic four |
| 4. protein | 18. minerals | 32. staples | 46. measurements |
| 5. meat | 19. calcium | 33. substitution | 47. regulators |
| 6. eggs | 20. phosphorus | 34. evaporation | 48. health |
| 7. fish | 21. iron | 35. storage | 49. habits |
| 8. milk | 22. vitamins | 36. fortified | 50. fluids |
| 9. digestion | 23. tissues | 37. ingredients | 51. weight |
| 10. carbohydrates | 24. mealtime | 38. variety | 52. suppliers |
| 11. fats | 25. likes | 39. oils | 53. vitality |
| 12. energy | 26. budget | 40. food value | 54. preparation |
| 13. calorie | 27. buying | 41. color | 55. flavor |
| 14. bread | 28. refrigeration | 42. recipes | 56. homogenization |

PAWS club members graduate

FLEMINGTON, N.J. — A host of unusual graduates and their families assembled together on November 19 for their commencement ceremonies at the Extension Center.

The graduates consisted of a wide variety of dog breeds — Labrador Retrievers, Collies, Daschunds, Shelties, Irish Setters—to name a few. The Hunterdon County 4-H Paws Dog Club was celebrating the end of their dog obedience classes for the fall session.

Cheryl Ernst, dog club president, presented gifts and awards to the workers who contributed much to the nurturing of this program. A plaque for Outstanding Service to 4-H was presented to the Dog Owners Educational League, who ran the obedience courses for the club members.

President Billie McFadden, Doris McGee, Nancy Sutphen, Tillie Nevell, Helen Sweet, Phyllis Lawreck, and Ricky Blackman received the plaque on behalf of their organization. Trainer Jan Siragusa received a serving tray from the club for instructing the pupils and their owners. John Caster of Whitehouse Boarding Kennels received a special gift for serving as a judge for the evening's activities. Caster is well-known in the area for breeding Old English Sheep Dogs.

Club members also presented a gift to their leader, Sharon Sopko,

who established the 4-H club last May.

All of the dogs and their owners went through a series of obedience instructions, which were judged by Caster. The dogs demonstrated the basics—walking, turning, sitting, stopping, and figure eights. A first place trophy was awarded to Alfie and his owner, Susan Feinberg when the evening was over. Placing second was Lisa Sebastiano of Stockton with her dog, Jo-li. A yellow Labrador named Two and his owner, Reid Tolado, place third overall. Fourth place honors went to Chris Pellizzari of Whitehouse Station and Moon, a yellow Labrador Retriever.

Also participating were: Kathryn Cerenzo, Donna Steinke, Jackie Ficzk, Scott Myles, Nancy Caruso, Kathy Pellizzari, James Wortley, Lorrie Nief, Cheryl Ernst, Bobby Ludden, Greg Schiller, Kathy Saums and Greg and Kathy Merrigan.

Special club awards were received by: John Lackner, Most Helpful Person; Reid Tolada, Most Improved Member; and James Wortley, Hardest Worker. Diploma certificates and doggie bones were awarded to each graduate for completing the obedience course.

Door prizes were donated by Mini Chek of Flemington, Kondr's Bakery, Phil's Pizzeria and Candyland Chocolates. The next Dog Obedience Training Course will be scheduled for the spring.

NEW UNDERGROUND STEEL FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285	3'0"	5'6"	12	278	*114.00
550	4'0"	6'0"	10	549	210.00
550	4'0"	6'0"	7	751	236.00
1,000	4'0"	10'8"	10	827	310.00
1,000	4'0"	10'8"	7	1,129	351.00
1,000	5'4"	6'0"	7	1,028	326.00
1,500	5'4"	9'0"	7	1,388	438.00
2,000	5'4"	12'0"	7	1,735	534.00
3,000	5'4"	17'11"	7	2,432	720.00
4,000	5'4"	23'10"	7	3,130	908.00
5,000	8'0"	13'7"	1/4"	4,484	1643.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	4130.00
20,000	10'6"	31'0"	5/16"	15,105	5160.00
25,000	10'6"	38'7"	3/8"	22,115	8135.00
30,000	10'6"	46'4"	3/8"	25,999	9430.00

Tanks all bear Underwriters' Label, and are coated with black asphaltum paint. We can provide timely delivery from Quarryville, PA (15 miles from the Pennsylvania Maryland line) to Maryland, Delaware, Virginia, New Jersey & New York. Contact us for delivery costs. We invite inquiries by phone or mail.

USED UNDERGROUND STEEL FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
1,500	5'4"	9'0"	7	1,388	*75 to *175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500

Used tanks and used tank shells may not bear underwriters' label nor are coated with black asphaltum paint.

USED UNDERGROUND STEEL FUEL STORAGE TANKS SHELLS (no ends) FOR BRIDGES

Previous Capacity	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
2,000	5'4"	12'0"	7	1,615	*200.00
3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

Used tank shells have been steamed and have had the ends removed from tank.

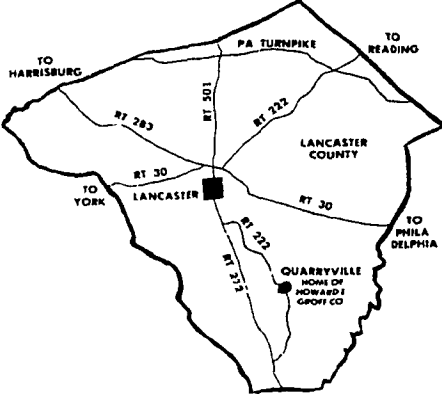
ELECTRIC FUEL DISPENSING PUMPS

For Gasoline, Diesel and Other Light Petroleum Products

Manufacturer	Model	Price FOB Quarryville
GASBOY	72 w/meter hose & nozzle	*363.00
GASBOY	1820 w/meter hose & nozzle	*394.00
GASBOY	1820 K2 w/meter hose & nozzle	*498.00
FILL-RITE	NP701 w/meter hose & nozzle	*352.00

LOW PRICE PROTECTION POLICY:

Within 30 days of purchase if someone advertises or offers at a lower price the same tank or pump you have already purchased from us, let us know, because we'll pay you the difference!



HOWARD E. GROFF CO.

Over Forty Years of Reliable Service

Fuel Oil, Gasoline, and Coal
111 E. State Street, Quarryville, PA 17566
Phone: 717-786-2166

HOURS:

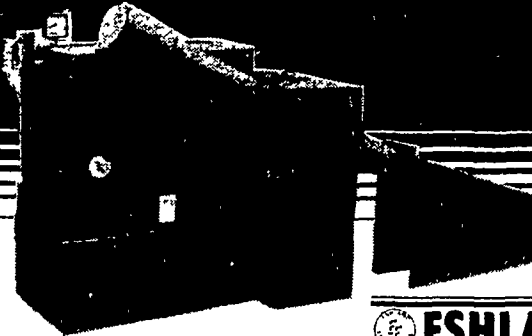
Mon.-Fri.: 8 AM - 4 PM
Sat.: 9 AM - 12 PM

Coal Gun Can Heat

Your Commercial Building for

50% LESS

Than Oil, Gas, or Electric!



...And furnish your Hot Water as well.

The Economics are simple... In most applications the Eshland Coal Gun will pay for itself within 12-18 months! The technology is here... Coal Gun Auto. Stoker Boilers use clean-burning Anthracite Coal, and operate well within Clean Air standards. These fully automatic units are self loading and need only occasional tending to remove expended ash. Sizes range from 130,000 BTU/hr. to 1,500,000 BTU/hr. and can be used in tandem for larger applications. Available in Steam or Hydronic.

Model	BTU/hr	Area Capability	Price
S 130	130,000	4,000 Sq. Ft.*	\$ 3,150.00
S 260	260,000	8,000 Sq. Ft.*	\$ 3,850.00
S 500	500,000	15,000 Sq. Ft.*	\$ 5,800.00
S 1000	1,000,000	30,000 Sq. Ft.*	\$ 9,000.00
S 1500	1,500,000	45,000 Sq. Ft.*	\$ 14,000.00

*Depending on building construction, use, and insulation.

Coal Gun users include Greenhouses, Warehouses, Apartment Buildings, Retail Stores, Garages, etc.

ESHLAND ENTERPRISES INC. holds an ASME Certificate of Authorization for Code Construction of Heating Boilers.



ESHLAND ENTERPRISES INC.

P.O. BOX 8A
GREENCASTLE, PA. 17225

[717] 762-0521



Members and coaches of the York County poultry judging team are: (l to r) Mark Ebaugh, Delta; Leroy Bowles, coach; Judy Waltersdorff, York; Linda Waltersdorff, York; Tim Flory, Red Lion; Roxanne Price, coach.

York poultry team places eighth

YORK — The York County 4-H Poultry Judging Team recently received 8th place in overall team competition when they competed against 21 teams at the National 4-H Poultry Judging Contest in Louisville, KY.

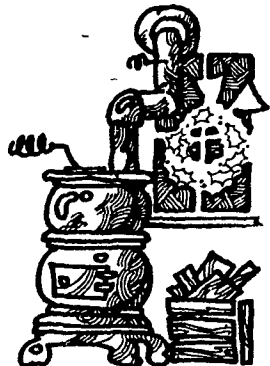
Team members are Judy and Linda Waltersdorff, York; Tim Flory, Red Lion; and Mark Ebaugh, Delta. The coaches are Leroy Bowles, Red Lion and Roxanne Price, Penn State University Extension Service.

The team members judged live production hens, dressed market birds, interior and exterior egg quality and broken out egg quality.

In the judging areas, the team placed 10th in Market Egg and 3rd in market poultry. Judy Waltersdorff was recognized for placing 10th high individual in market poultry, 4th high individual in egg production and 4th individual in the overall competition.

The team and coaches would like to express their appreciation to the

business and poultry farms that opened their facilities to the team for practices. Reisinger Poultry, York; Paul Musser, Manchester; Lester Holtzinger, Red Lion; William Glass, Airville; Carroll Rohrbaugh, Seven Valleys; James Eisenhour, Wellsville, and Waltersdorff's Grade A Eggs, York.



Feathered Friends club honors members

FLEMINGTON, N.J. — The Hunterdon County Feathered Friends 4-H Waterfowl 4-H Club held their second annual awards dinner recently at the Extension Center.

Mr. and Mrs. Edward Nief of Flemington were the guests of honor.

Each club member received their year pin. In addition, the following special club awards were given.

Record book honors went to Cheryl Christopher of Flemington, Junior Division and Cheryl Ernst from Flemington Senior Division.

Kathy Gilligan was awarded the Most Promising first-year member.

Tammy Woske, a Whitehouse Station resident, walked away with three club awards; Most Involved 11'er, Best Senior Demonstration,

and the club leadership award. Tammy's sister Wendy had the club's best Junior Demonstration. Lorrie Nief of Flemington was the Most Helpful 4-H'er Award recipient.

The Dr. Doolittle Award and Most Dependable Member Award were presented to Brian Pullen. Tracy Connors received recognition honors for being the club's Most Improved member. Junior and Senior Care and Management awards were given to Jennifer Ackerman and Jeff Carden, respectively.

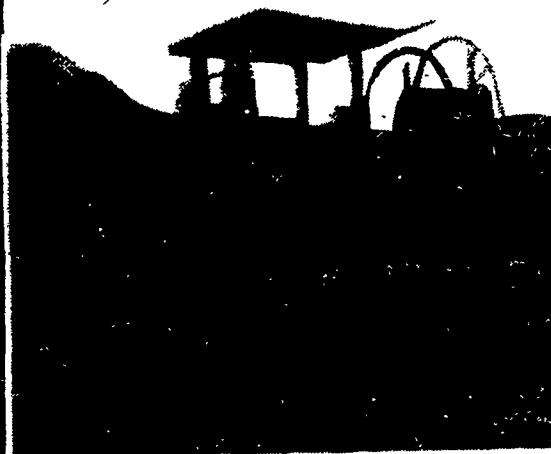
The club's top award, the Top Clover, was received by Kate Plum of Whitehouse Station. Linda Ackerman was honored for being the Most Helpful Parent.

Shelli Rosania was recognized as the best all around 4-H'er.

CHRIS CLOVER



DRAINAGE PROBLEMS?



COCALICO EQUIPMENT HAS THE TWO MACHINES TO HANDLE YOUR DRAINAGE PROBLEMS.

★ Both machines Equipped with Laser Beam Grade Control

Drainage Pays High Returns

Investment	Typical Annual Return
Land Drainage	21-46%
Farm Buildings	3-23%
Farm Land	11%
Stocks	7.4%
Bonds	6.1%

COMPARE

Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.

★ We Stock Heavy Grade Tubing which Exceeds SCS Specifications. In sizes 4", 6", 8", 10" and 12".



**NOW AVAILABLE
15" & 18" Tubing**

★ Also Pipe And Fittings For Tile Outlet Terraces.



COCALICO EQUIP. CO.

DRAINAGE & EXCAVATING
RD #3, DENVER, PA 17517 PH: 215-267-3808



**AVAILABLE
NOW!**

ROTEC



**A VARIETY OF AGRI-TANKS FOR
CHEMICAL STORAGE,
TRANSPORT & APPLICATION:
SPECIAL DISCOUNT for this winter as high as 14%**

- UNION CARBIDE'S NEW RESIN FOR THE AGRICULTURAL '80's
- CIBA-GEIGY U.V. STABILIZER
- ALL SHAPES & SIZES
- STRONG, ONE-PIECE CONSTRUCTION
- MADE TO LAST FOR YEARS & YEARS
- 1-YEAR LIMITED (BUT NOT VERY) WARRANTY

Call Today or Stop In and Let
Us Solve Your Agri-Tank Needs —

Distributed in your area by:

MARTIN'S AG SERVICE

R.D. 1 - Gristmill Rd., New Holland, PA 17557

PH: 717-354-4996 or
717-354-5848

Dealer Inquiries Invited!



This Lehigh County judging team earned the title of tenth in the nation following the National 4-H Livestock Judging Contest held in Louisville, KY. They are (l to r) Kathy Listwak,

4-H coordinator, Willi Wilson; Bonnie Wessner; Jane Sikorski; and Diane Krause. Not pictured were coaches Greg Snyder and Gail Snyder.

Lehigh judging team places 10th in nation

ALLENTOWN — Winning tenth place in the nation was the achievement of four Lehigh County 4-H'ers competing in the National 4-H Livestock Judging Contest held recently at Louisville, Kentucky.

The Lehigh County 4-H team, also ranked third in beef cattle judging, 19th in swine judging, 20th in sheep judging and 10th in oral reasons. There were 34 teams competing from across the nation. The top five teams were Ohio, Minnesota, Illinois, Colorado and Indiana.

The team members who competed were: Diane Krause, R3, Slatington, a freshman in animal production at Penn State. Diane is the daughter of Mr. and Mrs. Paul Krause. She placed ninth in judging beef cattle and eighth in giving oral reasons out of 136 contestants.

Jane Sikorski, R2, Emmaus, is a senior at Emmaus High School. Jane is the daughter of Mr. and Mrs. John Sikorski. She was tied for 12th high individual in the contest with a score of 664 points out of a possible 750. She was also tied for 15th in judging beef cattle and tied for 11th in swine judging.

Bonnie Wessner, Route 2, New Tripoli, is a sophomore at Northwestern High School. Bonnie is the daughter of Mr. and Mrs. Harlan Wessner. She placed fourth judging beef cattle and 31st in overall scoring.

Willi Wilson, R2, Mertztown, is a junior at Emmaus High School. Willi is the son of Mr. and Mrs. Marion Wilson. He was tied for 34th in giving oral reasons.

Lehigh County's 4-H Livestock Team was eligible to compete at the national level because they had won first place at a state 4-H competition in August. The team also represented Pennsylvania at four other contests in the nation. They competed at the Eastern States Exposition and the Virginia State Fair in September placing first in both contests and they also judged at the Keystone International Livestock Expo and the Eastern National Livestock Show in October placing third in both contests.

The team was coached by Greg Snyder of New Tripoli; Gail Snyder, New Tripoli and Kathy Listwak, Lehigh County 4-H Coordinator.

FFA and 4-H members, take note

LANCASTER — If your FFA or 4-H group is voluntarily spreading the Christmas spirit this year by doing for a needy group or family or by giving of some donations, send us a picture and the information on your group. We will publish it in the December

21 issue.

All submissions should be in by December 17. A black and white picture is preferred. Please include the name of your club, address, dates of events, service done, and names of those who apparently picture.

Dairy club elects officers

LEESPORT — The western Montgomery-Berks 4-H Dairy Club held their monthly meeting, November 19, at the home of Tricia and Susan Curtis. Twenty-three members were present.

Election of officers for 1982 took place. Officers are as follows: president, Jean Gehring; vice president, Marcia Slater; secretary Doug Hetrick;

treasurer, Mary Alice Rhoads; first reporter, Tricia Curtis; second reporter, Margaret Slater.

The committee to plan the Christmas Party is Carolyn McCann, Margaret Schoenly, Jean Gehring, Doug Hetrick, and Mary Alice Rhoads. The next meeting will be a Christmas Party at the 4-H Center.

MAXI-POWER GENERATOR SYSTEMS

Maxi-Power isn't just: PTO's, Portables, Engine Generator Sets, Manual and Automatic Transfer Switches, Self Contained Trailer Units -

IT'S A TOTAL SYSTEMS APPROACH TO YOUR GENERATOR NEEDS

Compare a MAXI-POWER GENERATOR TO ANYONE ELSE'S:



But most important - a generator that's easy to get where you need it - and works once you get it there.

Remember - MAXI-POWER has it all: Sales, Service, Rentals, and most important: GENERATOR KNOWLEDGE!

MAXI-POWER GENERATOR SYSTEMS

330 Fonderwhite Road, Lebanon, PA 17042

PH: 717-274-1483

Division of Leonard Martin Company

Berks Co. honors top beef 4-H'ers

BY LAURELSCHAEFFER
Staff Correspondent

KUTZTOWN — Berks County 4-H beef members and their families celebrated another year of achievements during a recent banquet held in their honor at the Kutztown Grange Hall, here.

Capturing the limelight for exhibiting the Grand Champion Steer at the 4-H round-up was a six year 4-Her, Kenianne Rarick, Maiden Creek. A silver plate was donated by Berks-Lehigh PCA and Federal Land Bank, Shoemakersville.

Michelle Harley, Douglassville, showing for only the second year, received a silver plate donated by Agway of Leesport for exhibiting the Reserve Champion Steer.

In other awards, Darlene Dietrich, Hamburg, received two plates for Senior Showmanship and Senior Fitting. These plates were donated by F.M. Brown Son's, Inc., Birdsboro, and Van-Mar Feeds, Shoemakersville. Darlene has been showing in 4-H for ten years, this being her last.

Darlene and Michael Strause, Hamburg, were also given watches from Hamilton Bank for their contributions to the beef club since both are graduating members.

A Champion Intermediate Showman trophy was presented to Kenianne Rarick, donated by Mogel Feeds of Hamburg, while Kirk Fisher, Oley, was presented a trophy for Champion Intermediate Fitter, sponsored by American Bank of Reading.

In junior competition, Jane Zook, Oley, received Champion Fitter trophy and Lori Rabenold, Kutztown, received the trophy for Junior Showman, these were donated by Farm Bureau, Bechtelsville, and JV Farms, Douglassville.

Karen Rabenold, Kutztown, received a trophy donated by R&W Feeds, Centerport, for most weight gained.

Trophies for Champion and Reserve Champion Heifers at the Oley Fair were also presented during the evening. These were won by Kirk Fisher and Kenianne Rarick, respectively; donated by JV Farms, and Diesel Service Inc., Reading.

Awards were presented for best blueforms in senior, intermediate and junior divisions.

Honored with these awards were: Darlene Dietrich, Kenianne Rarick, and Kent Fisher, Oley, respectively.



Honored for showman and fitter awards at the Berks beef banquet were: (front row) Lori Rabenold, Junior Champion Fitter; Jane Zook, Junior Champion Showman; (back row)

Kenianne Rarick, Intermediate Champion Showman; Darlene Dietrich, Senior Showman and Fitter; Kirk Fisher, Intermediate Fitter.



Blueform winners were (front row) Karen Rabenold, Kent Fisher (back row), Kenianne Rarick, Darlene Dietrich, and Kirk Fisher.



Michelle Harley, 14, of Douglassville and Kenianne Rarick, 14, of Reading, received silver plates for being named reserve champion and champion steer winners, respectively.

the "GREENWOOD EAGLE"

- * Burns up to 30 hours without reloading
- * Heats 120,000 BTU's/hr. for 7-9 hours without reloading
- * No stacking & drying of wood
- * "CUT IT DOWN AND BURN IT"
- * 50% more efficient than other wood stoves
- * Takes logs 13"x32"
- * Heats entire house
- * None of the usual creosote problems

SEEING IS BELIEVING AT:

GIRTY'S NOTCH WOOD BURNERS
PHONE 717-444-7210

22 Miles North of Hbg., Pa. on Routes 11 & 15
Showroom hours Mon.-Fri. 4-8 p.m.
Sat. By Appt.

**HIGH PRESSURE
WASHING AND
DISINFECTING
POULTRY HOUSES
AND VEAL PENS**

MAYNARD L. BEITZEL
Witmer, PA 17585
717-392-7227

**ELECTRICAL
CONTRACTING
AGRICULTURAL**
RESIDENTIAL • INDUSTRIAL

- 24 HOUR EMERGENCY SERVICE
- STANDBY GENERATORS SALES & SERVICE
- 40' BUCKET TRUCK
- BLOWN CELLULOSE INSULATION

*Hawthorne
Electric, Inc.*
Since 1952
CALL (717) 653-2068
Rt. 230 W. Mount Joy, Pa. 17552

**COMFORT GLOWTM
KEROSENE HEATERS**

**SPECIAL clean, odorless heat
PRICES thru wherever it's needed
DECEMBER ...for pennies an hour**

GR9A - 9300 BTU Compact heater with attractive wood grain finish Has built-in catalytic air freshener **\$164⁹⁵**

GRW8A - 9300 BTU has a wide array of popular features Attractively priced **\$139⁹⁵**

GC19A - 19 500 BTU Comfort Glow's biggest output heater Operates 11 hours on one filling of fuel **\$209⁹⁵**

We Ship UPS...Add \$5.00 per Unit.
(Pa. residents add 6% sales tax)

FISHER ENGINE SERVICE
3141 Old Philadelphia Pike
BIRD-IN-HAND, PA 17505

D.S. MACHINE SHOP
DAVID E. STOLTZFUS
3816 E. Newport Road
Gordonville, PA 17529
1 Mile East of Intercourse on Rt. 772
Write or Call: 717-768-8569
If no answer call: 717-768-3568

CUSTOM BUILT WOOD & COAL FIRED BOILERS MADE TO YOUR SPECIFICATIONS

- Welders & cutting torches
- Custom made farm gates, etc.
- Custom built high pressure washers
- Stainless steel welding milker equipment, etc.



Betsy Hottle



Charlene Gormley

Two receive nat'l 4-H award

DOYLESTOWN — Betsy Hottle, 19, Coopersburg, and Charlene Gormley, 19, of Newtown have received the national "I DARE YOU" Awards by the Bucks County 4-H organization. The honors were presented by Debra Gregory, 4-H coordinator, at Bucks County 4-H Awards Night held November 28, at Tyro Hall Grange, Buckingham.

Betsy Hottle and Charlene Gormley were selected for the award in recognition of excellence in character and personal development as well as leadership potential.

Betsy is the daughter of Mr. and Mrs. Clarence Hottle, and a sophomore at Slippery Rock State College. Charlene is the daughter of Mr. & Mrs. Robert Gormley and a sophomore at Shippensburg State College. Both girls were selected as Outstanding 4-H

members in Pennsylvania in 1981.

In addition to the national recognition received, the Award provides the recipients with a copy of William H. Danforth's book *I DARE YOU* and a personalized certificate. Mr. Danforth wrote the book out of his own experience. He dedicated much of his time and philanthropy to youth work. In the book, he challenges the readers to aspire to their highest potential, to attain constructive lives of service and citizenship and to be committed to excellence.

The "I DARE YOU" Award is made available by the "I DARE YOU" Committee of the American Youth Foundation in cooperation with the Bucks County 4-H office, Neshaminy Manor Center, Doylestown. This is the 40th consecutive year of the award program.

Berks holds 4-H horse banquet

LEESPORT — The Fourth Annual Berks County 4-H Horse Banquet was held last Saturday night at the Kutztown Grange Hall to honor the achievements of 4-H members in the county horse clubs.

The highlight of the evening was the presentation of the Outstanding Horse Member plaques. In the Senior Division, Tracy Picus of Wescosville and a member of the North Berks Equestrians, received a plaque for being chosen the Outstanding Senior Girl.

Brian Yerger, Shillington, was awarded a plaque for his achievements as Outstanding Senior Boy. Brian is a first year 4-H member in the Mohnton Light Horse and Pony club. F.M. Brown's Tack Shop, Sinking Spring, and American Bank & Trust Co., Reading, presented these awards, respectively.

Lisa Rowlands a member of the Mohnton club from Leesport, was presented with a plaque for being the Outstanding Junior Girl in the Junior Division. Emmett Geesaman, of Reinholds and a Mohnton club member, received the Outstanding Junior Boy plaque. Feather Hill Western Shop, Lenhartsville, and Berks-Lehigh Farm Credit Service, Shoemakersville, presented these awards, respectively.

Leaders of the individual 4-H horse clubs also presented awards to their members. Roger Innes and Kathi McLaughlin, leaders of the Antietam Hoofbeats, presented awards to Steve and Pam Innes of Fleetwood for being Outstanding Boy and Girl of their club. Awards were also given out to those club members who had outstanding sales for their club in the recent countywide fund raiser. Pam Innes

was high salesperson. Also honored were Erica Loose, Dauberville; Sharon Blatt, Leesport; and Carol Shuletsky, Reading.

Awards in the Mohnton Light Horse and Pony club were given out by leaders Valerie and Glen Geesaman. Brian Yerger, Shillington, was honored as Outstanding Senior Boy and Robin Lebengood, Reading, received honors as Outstanding Senior Girl.

In the Junior Division these honors went to Emmett Geesaman, Reinholds, and Missy Koch of Sinking Spring. Receiving awards for perfect attendance at club meetings were Pete Eisenbrown, Mohnton; Tish Lutz, Sinking Spring; and Lisa Rowlands, Leesport. In the Intermediate Project Book category, Missy Koch, Lisa Rowlands, and Robin Lebengood received recognition. And for completing their beginner books, Pete Eisenbrown, Mohnton; Becky Green, Reading; Sharon Mengel, Sinking Spring; Tiffany Lebengood, Reading; and Emmett Geesaman, Reinholds, all received recognition.

Leaders of the North Berks Equestrian club, Gwen Schwoyer and Wayne Hoffman, presented Jan Sechler, Mertztown, and Carol Sell, Kutztown, awards for Outstanding Senior club members.

Outstanding Junior Member awards went to Steven Rohrbach, Shoemakersville, and Lisa Poper, Fleetwood. Awards were also given to members excelling in activities outside of the club. In the Senior Division honors went to Jeffrey Long, Kutztown, and Tracy Picus, Wescosville. Steven Rohrbach and Lisa Poper were honored for their active par-

ticipation outside the club in the Junior Division.

Project Book honors went to Tracey Shreve, New Tripoli, for her Novice project book, Robin Shreve for her Tenderfoot project book, and Jane Hoffman, Allentown, for her Senior project book.

Also, an award was presented to Kacey Smith, Kutztown, for being the most improved member of the club for 1981.

From the Oley Saddle-ites club, leader Raymond Mast gave out awards for Perfect Attendance to Lisa Neiffer, Boyertown; Sharon Moser, Oley; Debbie Price, Douglassville; and Lisa Powell. Kirk Fisher, Oley, and Debbie Price, Douglassville, were honored for being the outstanding male and female members in the club for 1981.

Awards for members in the Wrowdy Wranglers horse club were presented by leaders Deborah Allen and Sandy Lawrence. Meg Allen of Shoemakersville and outgoing President of the club, was presented an award for Outstanding Leadership. Meg also received honors for being Outstanding Senior Showman. Chanin Weber, Bernville, was given the Outstanding Junior Showman Award. Cathy Ohlinger, Mohrsville, was presented with an award for being the most improved club member, and Candy Shappell, Hamburg, received the Most Enthusiastic Club Member award.



AeroDry

COMPUTERIZED GRAIN MANAGEMENT

**How would you like to save 90% of
the energy cost of grain drying?**

You can with AeroDry.

Compared with conventional
high temperature grain drying,
AeroDry can

- Save up to 90% energy cost.
- Reduce shrink loss by 50%.
- Increase feed value in grain.

Plus you get a 25% tax credit.

The AeroDry System can be
fitted to your existing bin.

Ask about our lease plan.

For more information contact:

Millford Mast
Elverson, PA. 215-286-9118

Ken Sauder
Brownstown, PA. 717-656-6519

Paul F. Detweiler
Newville, PA. 717-776-3288



DISTRIBUTED EXCLUSIVELY BY:



Dealer inquiries invited



The biggest improvement in grain drying since the corn crib.

Make pineapple from zucchini? Now you can

LANCASTER — During the past year one of those consumer fads hit the whole United States. Make a crushed pineapple substitute from your excess zucchini squash. It started in Utah and moved east. Word of mouth spread the fame of the product. Soon came news stories about the danger of the product.

The Penn State Food scientists got hot on the trail of the problem, did some research of their own and what follows is the final word on the subject as of November 23, 1981. Keep this for future reference to answer all those questions that come up when you discuss with friends. Here's what the Penn State expert says on the subject:

According to Gerald Kuhn, professor of food science extension at Penn State, the safety of pineapple from zucchini depends on the recipe you used and how long you processed it in boiling water.

"At least four different versions of the recipe were making the rounds this summer," Kuhn says. In fact "pineapple from zucchini"

first surfaced in Utah and quickly made its way East.

Kuhn's lab tested one recipe — they thought the only one — in late summer and found that its high acidity made it a safe product for boiling water canning. That recipe originally called for packing the cooked mixture into jars and sealing.

Kuhn, based on his laboratory tests, recommended to consumers that this be followed by a full 15 minutes of processing in the boiling water canner. This final step is needed to destroy any airborne or empty container contaminants that can grow on the surface of the product.

A few weeks ago the "potentially hazardous when stored" reports from Michigan reached Kuhn. "We were puzzled," he says. But some detective work and several conversations with food scientists in other states and at the U.S. Department of Agriculture soon cleared up the mystery. The different lab results were caused by substantially different recipes.

"The Michigan recipe is a low

acid product," says Kuhn. "It calls for only one-half cup of lemon juice for 17 cups of zucchini, compared to the three-fourths cup lemon juice to eight cups of zucchini in the recipe we had originally tested. In essence, the Michigan recipe uses only one-third as much acid."

He stresses that only high acid foods are suitable for boiling water canning and adds that the low acid problem was made even worse by directions to cook the mixture three minutes and process in the canner only 10 minutes. "We had recommended a 20 minute cooking and a 15 minute processing — and that was with the high acid recipe," Kuhn says.

"Consumers should discard any 'pineapple from zucchini' product that was made with anything less than three and three-quarters cups of lemon and pineapple juice per half gallon of zucchini," he stresses.

If you used a recipe that did have the proper proportions of lemon and pineapple juice (which contribute the necessary acidity to the product) but did not process the

product in boiling water for 15 minutes, Kuhn advises you to check each jar:

Throw away those that show any evidence of swelling or mold growth. Remove the lids of jars that look all right, put on new lids and process in boiling water for 15 minutes.

"Evidently," says Kuhn, "the pineapple-zucchini recipes first appeared through store promotions. They became so widespread that roadside vegetable stands were stacking jars of pineapple juice alongside bushel baskets of zucchini. There's no doubt that consumers are always on the lookout for ways to use zucchini, and this does make

an acceptable substitute for crushed pineapple," he adds.

"It is also a pretty good pineapple-flavored marmalade. We are convinced that the first recipe, with our modifications, is a safe product and can be prepared and enjoyed with confidence."

The complete — and correct — recipe for "pineapple from zucchini" follows: Peel and shred two quarts of zucchini squash, and one-half can (23 ounces) of unsweetened pineapple juice, three-fourths cup of lemon juice and one and one-half cups of sugar.

Bring to a boil and simmer for 20 minutes. Pour into jars, seal and process for 15 minutes in a boiling water canner. Use as a substitute for crushed-pineapple in cooking.



**SELL
IT
WITH
A
LANCASTER
FARMING
CLASSIFIED**

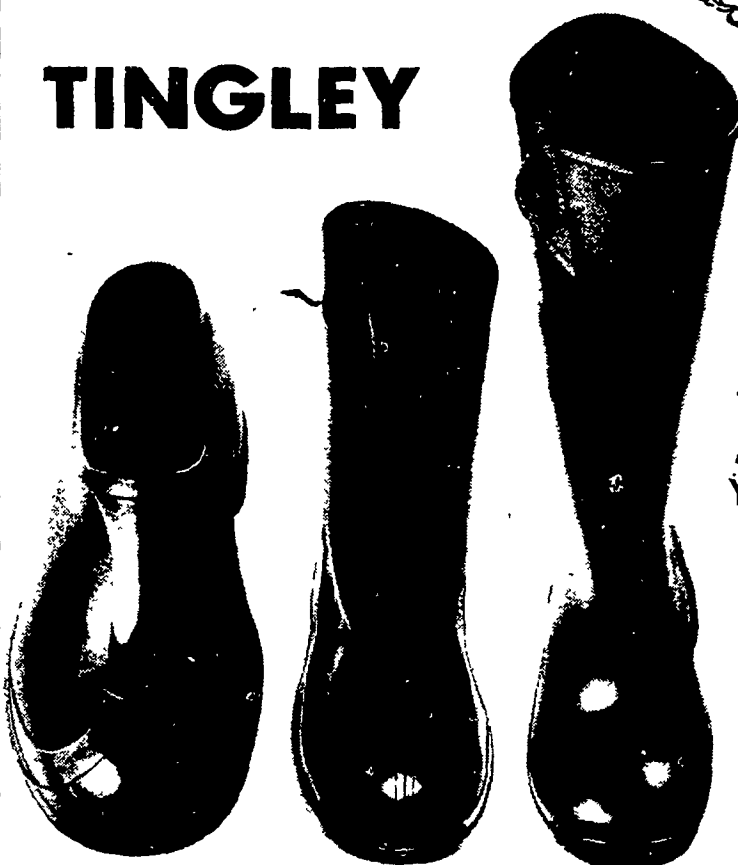


**This Christmas—
Put
TINGLEY BOOTS
Under Your Tree!**

Tough, yet so light-weight you'll forget you're wearing 'em. This means less work fatigue that can lead to farm accidents. It also means dependable, durable rubber overboots that work with you every step of the way. At your dealer in western and work styles.



TINGLEY



**Make
Tingley Boots
A Must Under
Your Tree This
Christmas...**

**See Your
Nearest
Dealer
Now!**

**NORMAN D. CLARK
& SON**

Rt. 75
Honey Grove, PA
717-734-3682

WAYNE'S DRY GOODS

271 Main St.
Kutztown, PA
215-683-7686

MILLER EQUIPMENT CO.

R.D. #1
Bechtelsville, PA
215-845-2911

**ZIMMERMAN'S
FARM SERVICE**

Bethel, PA
717-933-4114

**BRANDT'S FARM
SUPPLY, INC.**

601 E. High St.
Elizabethtown, PA
717-367-1221

**PIKEVILLE
EQUIPMENT, INC.**

R.D. #2
Oley, PA
215-987-6277

**SHARTLESVILLE
FARM SERVICE**

RD 1, Hamburg, PA
215-488-1025

UMBERGER'S MILL

Rt. 4 Box 545
Lebanon, PA
717-867-5161

POWL'S FEED SERVICE

R.D. #2
Peach Bottom, PA
717-548-2376

**HEISEY FARM
EQUIP., INC.**

RD 1, Jonestown, PA
717-865-4526

**WEAVER'S
HARDWARE CO**

RD 4125
Fleetwood, PA
215-944-7486

SHOW-EASE STALL CO.

523 Willow Rd.
Lancaster, PA
717-299-2536

AGWAY, INC.

101 Main St.
Salunga, PA
717-898-2248

GOOD'S STORE, INC.

R.D. #2
East Earl, PA
717-354-4026
Rt. 23, 1 Mile E. of Blue Ball

**C.B. HOOBER
& SON, INC.**

Intercourse, PA
717-768-8231

**HOLLINGER FARM &
HOME SUPPLY**

35 N. Cedar St.
Lititz, PA
717-626-2330

LANDIS BROTHERS, INC.

1305 Manheim Pike
Lancaster, PA
717-291-1046

**ROSS H. ROHRER
& SONS, INC.**

16 E. State St.
Quarryville, PA
717-786-3372

**GEHMAN FEED MILL,
INC.**

44 N. 3rd St.
Denver, PA
215-267-5585

WEAVER'S STORE, INC.

R.D. #1 Denver
Fivepointville, PA
215-445-6791

**ERB & HENRY
EQUIP., INC.**

New Berlinville, PA
215-367-2169

**LONGACRE ELEC.
SERV. INC.**

Main St., Bally, PA
215-845-2261

**MARTIN HARDWARE
& EQUIPMENT CO.**

Rt. 501, S. of Shaefferstown, PA
717-949-6817

Make Zimmermans

**Your Christmas
Store**

Budget Priced Foods
and in Big Packages

FRESH OYSTERS

BAKING SUPPLIES

**COATING
CHOCOLATE**

In many Grades and Colors
Break-up or in 10 lb. blocks

FLORIDA CITRUS FRUIT
by Carton or Half Bushel

**Electro-Warmth
BED WARMERS**

Special Model for
Storage Battery

WE SELL

GIFT CERTIFICATES

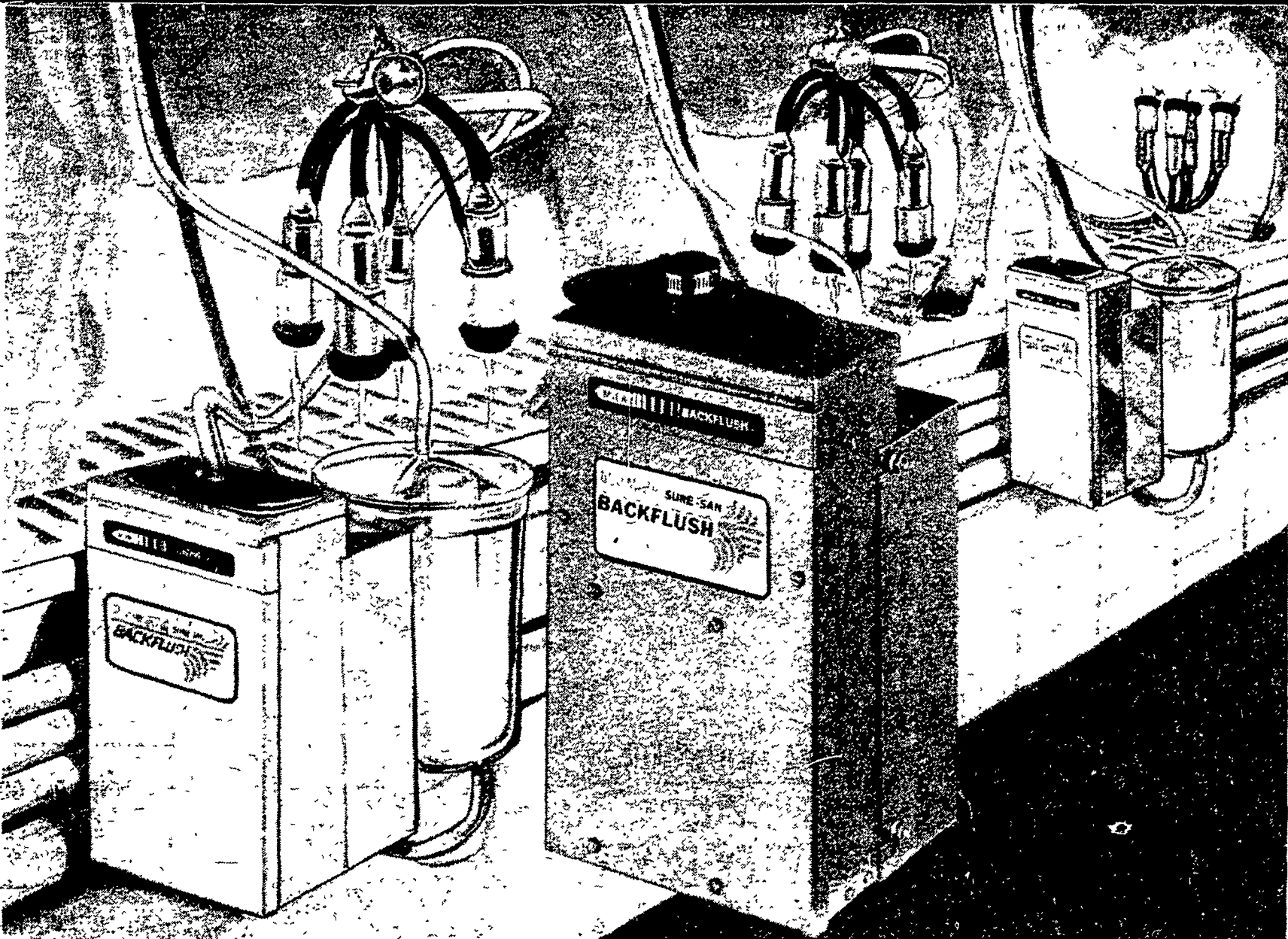
HOURS:

Thurs. til 8, Fri. til 9

**W.L. ZIMMERMAN
& SONS**

717-768-8291
INTERCOURSE, PA

GO FOR THE EFFICIENCY EDGE



Introducing: The "Quiet and Dry" Backflush System

Operator comfort requires staying dry when milking. It is also desirable to keep the parlor quiet. Sanitizing between cows can be a "quiet and dry" operation with Bou-Matic's SURE-SAN™ BACKFLUSH System.

Bou-Matic has designed the new "quiet and dry" SURE-SAN™ BACKFLUSH System with the most innovative cowside engineering ever. Extensive field testing assures that it is built to last! Rugged solid-state circuitry and a unique pivot action valve is designed to provide years of service.



BOU-MATIC®
MILKING SYSTEMS

SURE-SAN™ BACKFLUSH fits all Bou-Matic milking systems, and many others as well.

An important part of your mastitis control program could be the Bou-Matic SURE-SAN™ BACKFLUSH System. Backflushing can reduce the number of mastitis producing organisms when infected cows contaminate a milking unit.

Bou-Matic SURE-SAN™ BACKFLUSH System sanitizes the unit gently and efficiently between each cow. Water left inside the milking unit is removed with a unique "quiet and dry" method.

Go For The Efficiency Edge...See Your Bou-Matic Dealer Now!

CUMBERLAND FARM & DAIRY SERVICE

4560 Dairy Road
Chambersburg, PA 17201
(717) 263-0826

MENDENHALL DAIRY SUPPLY

R.D. #4
Brookville, Pa. 15825
814-849-5539

TRI-STATE AUTOMATION

Route 9, Whitehall Rd.
Hagerstown, MD 21740
301-790-3698

DAIRYLAND SALES & SERVICE

RD 3, Box 18
Troy, Pa. 16947
717-297-4128

W & J DAIRY SALES

RD 2 Oxford, Pa. 19363
(717) 529-2569

PAUL R. LANDIS

Route 2
Milton, Pa. 17847
717-437-2375

JONES DAIRY SERVICE

Box 52, Fostertown Rd.
Medford, NJ 08055
(609) 267-0198

SHENK'S FARM SERVICE

501 E. Woods Drive
Lititz, PA 17543
(717) 626-1151

J & R SERVICE, INC

215 N. Cornwall Rd.
Lebanon, Pa. 17042
(717) 273-6232

Lehigh Co. celebrates leader's, member's achievement

ALLENTOWN — Many leaders and members throughout Lehigh County were recognized for their work at the Annual 4-H Achievement Night on Tuesday, November 10 at the Lehigh County Vo-Tech School in Schnecksville.

The following awards were given for leader recognition:

- 30 year leader: Mildred Bleiler, Fogelsville Cleverettes
- 25 year leader: Ralph Follweiler, Lynnport Community and Anna Sechler, Trexlertown Merry Stitches
- 20 year leader: Betty Holmes, Poppin Pins

- 15 year leader: John L. Fretz, Lehigh County Beef and Sheep Clubs
- 10 year leader: Ted DuDois, Timberwolf and Ernest Snyder, Lehigh County Beef. Many 4-H members received awards, also The National Awards medals were as follows:

- State Winner, Beef - Diane Krause, Lehigh County 4-H Beef Club, will attend the 1981 National 4-H Congress in Chicago, Illinois.

Keystone Winners:

- Achievement - Diane Krause; Citizenship - Susan Johnson; Clothing - Brenda Hausamann; Dog - Brenda Hausamann; Health - Susan Johnson; Citizenship - Judy Holmes; Food and Nutrition - Lois Wisser; Food Preservation - Lois Wisser and Leadership - Judy Holmes.

The county fashion revue winners were: Laura Bonnington, Trexlertown; Brenda Hausamann, Germansville; Diane Krause, Germansville; and Lois Wisser, Lynnville.

Four-H'ers from Lehigh County who attended State Achievement Days in August at Penn State were also recognized. They were:

Clothing and Textiles Judging Team - 7 the place team; Amy Capwell, 20th individual; Jull Saylor; Tammy Sertass; and Nancy Wehner.

The Foodarama Judging Team winners were: Kim Baker, Lisa Coffin, Susan Johnson, Ellvnn

Schneck.

The Junior Livestock Judging Team - Seth Gruber and John McCauley.

The Senior Livestock Judging Team placed first. Members were Diane Krause, Jane Sikorski, Bonnie Wessner and Willi Wilson.

State Fashion Revue winner was Lois Wisser.

The Outstanding Scrapbook Award went to the Lehigh County 4-H Swine Club.

Lehigh County 4-H Leadership Awards went to Valerie Hastings, Lois Wisser, and Susan Johnson.

Lower Dauphin FFA plants trees



Members of the Lower Dauphin FFA plant trees around the school parking lot. From the left are Rodney Stuber, Richard Barnhart, Shawn Powell and Lloyd Halbleib.

HUMMELSTOWN — The Lower Dauphin FFA Chapter began their 1981-82 BOAC (Building Our American Communities) project last week by planting more than \$1,100 worth of trees on the senior high school grounds.

The chapter plans to improve the landscaping of the community this year and started on their own property by planting 65 trees along the edge of the school grounds to form a "natural" fence around the parking lot.

John Haldeman, Chairman of the Community Service Com-

mittee, was in charge of the project under the direction of Mrs. Cynthia Shaffer, FFA Advisor. The chapter planted the trees after the horticulture class studied the site and made an evaluation and recommendation of what to plant.

The chapter plans to keep improving the environment in the community by re-building the Hummelstown Nature Trail in the spring. Plans and preliminary work for this project are already being done, with more than 150 man hours already used to help Build Our American Communities.



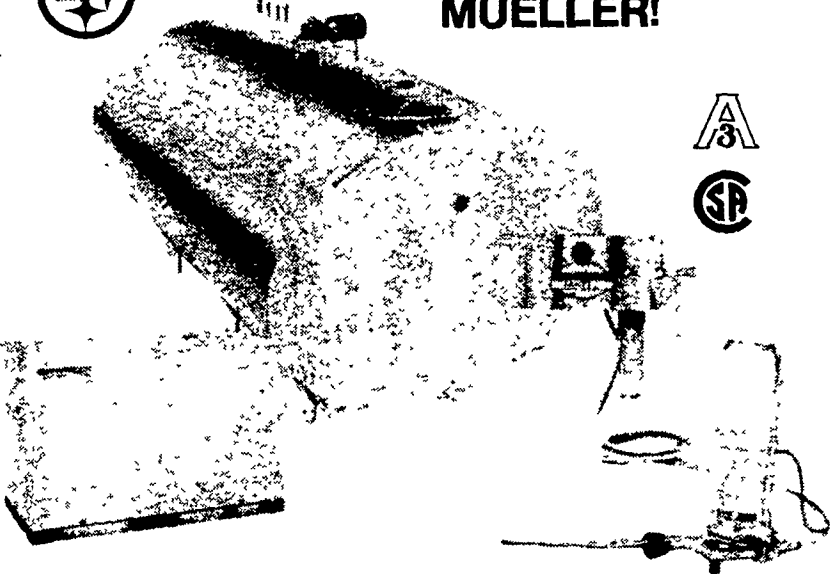
Unloading tan bark from truck for Lower Dauphin FFA tree planting project are Kathy O'Brien, Ken Brandt and Dave Marshall.

MUELLER Milk Coolers®

1. Free Hot Water
2. HiPerForm Cooling
3. Mueller-Matic Washing



... only from
MUELLER!



...Why settle for less!

FOR MORE INFORMATION, CONTACT:

RUFUS BRUBAKER REFRIGERATION

614 Penryn Rd. Manheim, PA 17545
717-665-3525

- Authorized Mueller Dealer • Dependable 24 Hr. Service
- Mojonier Parts Available

USED TANKS AVAILABLE:

- 500, 600, 800, 1,000 & 1,500 Gal. Mueller Tanks
- 500 Gal. Mojonier
- 400 Gal. Sunset
- 500 Gal. DeLaval
- 300 Gal. Girton



For Christmas, give

a Membership in The Lancaster Automobile Club

34 N. PRINCE ST. AAA LANCASTER, PA.

365 days of driving pleasure

THE IDEAL GIFT

EASY TO BUY — SURE TO PLEASE
PACKAGED IN A COLORFUL HOLIDAY BOX

Dues	\$12.00	For persons residing with a present
Entrance Fee	3.00	master member the cost to join
Total	\$15.00	and annual dues are \$10.00.

Over 69,000 Members in Lancaster County enjoy these services...



LANCASTER AUTOMOBILE CLUB

Please send a CHRISTMAS GIFT membership

To _____ please print name
_____ street or rd.

City or Town • MUST RESIDE IN LANCASTER COUNTY

INDICATE (X) HOW YOU WANT DELIVERY MADE

Send gift package direct ☐ Send to me ☐

Sender's Name _____

Address _____

Membership card number of sender • if a member _____

This application to be used for NEW MEMBERS ONLY.

CHECK OR MONEY ORDER MUST ACCOMPANY APPLICATION



Berks-Lebanon list contest winners

LEESPORT — More than 250 members of 10 Future Farmer of America Chapters in Berks and Lebanon counties on Tuesday, Nov. 24 engaged in competitive events in six different areas.

Centered at the Berks County Agricultural Center and conducted for the third year by FFA advisors from these counties, the events allowed members to demonstrate their proficiency in each area.

The agricultural mechanics contest required students to demonstrate skill in oxy-acetylene brazing and cutting, sharpening of twist drill bits and cold chisels, electric motors and wiring and timing an engine.

This contest was held in the Conrad Weiser vocational agriculture shop with 13 participants. Joe Gingrich, Eastern Lebanon County (ELCO), placed first; Phil Levan, Oley Valley, second; Joel Burkholder, Kutztown, third; Duane Aulenbach, Twin Valley, fourth; and Garth Wartzneuft, Conrad Weiser, fifth. In team competition, where the scores of the two participants from each school were combined, Kutztown team of Burkholder and Donald Lorish captured first, with the ELCO team of Gingrich and Scott Conrad, second; Oley Valley's team of Levan and Ronnie Burrell, third; Cedar Crest's team of Richard Houser and Lloyd Bixler, fourth; and the Twin Valley team of Aulenbach and Mike Walters, fifth. Other contestants were from Northern Lebanon and Hamburg.

The dairy judging contest, with 107 participants, was conducted on local Berks County farms. William Leshner, Tulpehocken, placed first with Charles Seidel, Hamburg, second; Steve Mertz, Kutztown, third; Mike Mertz, Kutztown,

fourth; Scott Troutman, Conrad Weiser, fifth; Dave Rice, Kutztown, sixth; Jay Bicksler, Tulpehocken, seventh; Shaun Sparks, Oley Valley, eighth; Todd Miller, Hamburg, ninth; Greg Raser, Twin Valley, tenth; Rich Wilson, Conrad Weiser, 11th; Brenda Werner, Twin Valley, 12th; Mark Patches, Cedar Crest, 13th; Harold Dietrich, Hamburg, 14th; Jim Heffner, Oley Valley, 15th.

In team competition, Kutztown captured first with Hamburg, second; Tulpehocken, third; Conrad Weiser, fourth; Oley Valley, fifth; Twin Valley, sixth; Annville-Cleona and Cedar Crest, tied for seventh; Northern Lebanon, ninth, and ELCO, 10th.

In pleasure horse judging, contestants placed two classes of horses on a local farm, took a written test, and identified various tack items. Of the 41 participants in this contest, Nelson Grow, Oley Valley, placed first; with Pauline Noss, Conrad Weiser, second; Melani Keller, Annville-Cleona, and Gerry Mast, Oley Valley, tied for third; Scott Eckenrode, Cedar Crest, fifth; Ann Landberry, Cedar Crest, sixth; Murray Frazier, Northern Lebanon, seventh; Vonne Moyer, Kutztown, eighth; Dawn Heiter, Kutztown, ninth; and Elwood DeLong, Hamburg, tenth. In team competition, the three highest scores from each chapter were added for team scores. Conrad Weiser captured first place; with Annville-Cleona second; Kutztown and Oley Valley, tied for third; Hamburg, fifth; Tulpehocken, sixth; Twin Valley and Northern Lebanon, tied for seventh, and ELCO, ninth.

In the agronomy contest participants had to identify various weeds, insects and diseases,

demonstrate use of the Pennsylvania Agronomy Guide, fill out soil and forage test forms, and interpret data on these forms. Wade Bernard, Twin Valley, won this contest, with David Noyes, Twin Valley, second; Paul Reinert, Kutztown, third; Kevin Griest, Twin Valley, fourth; Terry Wisser, Kutztown, fifth; Steve Miller, Oley Valley, sixth; Eric Fisher, Conrad Weiser, seventh; Mike Miller, Conrad Weiser, eighth; Don Duncan, Conrad Weiser, ninth; and Andy Hess, Conrad Weiser, tenth. In team competition, Twin Valley captured first place; with Conrad Weiser, second; Oley Valley, third; Northern Lebanon, fourth; and ELCO, fifth.

In the meats contest fourth contestants had to identify 25 actual cuts of beef, pork, or lamb and 25 slides of meat cuts. They

also placed classes of cuts or meat and of meat carcasses. Ed Dietzler, Northern Lebanon, captured first place in this contest; with Tom Hornberger, Twin Valley, second; Todd Benjamin, Kutztown, third; Troy Ream, Northern Lebanon, and Don Faust, Kutztown, tied for fourth; Todd Propst, Northern Lebanon, sixth; Don Kercher, Twin Valley, seventh; Paul Marks, Conrad Weiser, eighth; Delores McDermott, Twin Valley, ninth; and Scott Stoltzfus, Twin Valley, tenth. In team competition, Northern Lebanon captured first place; with Twin Valley, second; Kutztown, third; Conrad Weiser, fourth; Oley Valley, fifth; Annville-Cleona, sixth; Hamburg, seventh; Cedar Crest, eighth; and ELCO, ninth.

Thirty-two contestants in the dairy foods contest took a written

test on milk, identified off-flavors in milk and scored ten milk samples, identified off-flavors in cottage cheese and scored ten cottage cheese samples, identified ten different cheeses, and scored sediment discs. Earl Kindt, Northern Lebanon, captured first in this contest; with Ted Klein-smith, Kutztown, second; Todd Feis, Annville-Cleona, and Mike Gingrich, Northern Lebanon, tied for third; Dave Groff, Cedar Crest, fifth; Dan Groff, Cedar Crest, and Rod Stoltzfus, Twin Valley, tied for sixth; Jim Rudy, Northern Lebanon, and Joe Nonnemaker, Twin Valley, ninth, and Ray Reinhold, Northern Lebanon, tenth. In team competition, Northern Lebanon captured first place, with Cedar Crest, second; Twin Valley, third; Annville-Cleona, fourth; ELCO, fifth; and Conrad Weiser, sixth.

Cockroach develops cross-resistance to insecticides

BALTIMORE, Md. — Researchers at the Maryland Agricultural Experiment Station offer controlled laboratory evidence of what many have suspected for some time: Cockroaches are becoming increasingly resistant to the arsenal of insecticide remedies thrown at them.

Entomologists Judd O. Nelson and Eugene Wood tested a strain of German cockroach they collected from a public housing project in Baltimore and reared in labs at the University of Maryland, College Park.

They found of eight commercial compounds tested, cockroaches from the dubbed "Baltimore

Strain" were resistant to five.

Drs. Nelson and Wood believe their tests show that further use of the tested insecticides against cockroach populations from this particular strain would lead to much higher levels of resistance against these insecticides.

It is likely, they add, that the "Baltimore Strain" has developed a "cross resistance" to other chemical remedies, as well.

However, what causes this "cross resistance" still is unknown, Nelson and Wood point out.

"While lack of cockroach control can result from several factors, insecticide resistance is an im-

portant one," say the two entomologists.

"Resistance, however, is difficult to measure accurately in the field," they add, referring to their lab studies. "Awareness of insecticide resistance is an important consideration for those who plan urban pest management programs."



**End-of-year
Special Price**

Now Only
\$239⁰⁰
(Limited Supply)

The Green Machine[®]
back-pack power blower-mister-duster.

The Green Machine power blower with liquid-tank attachment is ideal for spray vaccinating, fly spraying and disinfecting.

These are several ways poultrymen are saving time and making money with this great new tool. Here's more...

BLOWING:

- Removing accumulated dust and cob-webs from buildings before housing new laying flocks.
- Fast removal of old feed from feeders.
- Periodic cleaning of fans and motors while in use — cleaner surfaces give a lower heat rise, prolonging motor life.

DUSTING:

- Using The Green Machine dusting attachment with static-electricity feature, such materials as Sevin[®] 50% W.P. can be applied to the poultry and building surfaces to control the Northern Fowl Mite and other pests.

MISTING:

- In addition to applying vaccine, as described above, cages and buildings can be disinfected before housing a new flock.
- Housefly and mosquito control insecticides can be quickly and easily applied.



AT
HYPRO INDUSTRIES, INC.

631 W. Orange St., Lititz, Pa. 17543
Phone 717-627-2767

Northern Lebanon Young Farmers recognize contest winners

ONO — The winners of the Northern Lebanon Young Farmers' crop contest were announced here at the Fire Hall last Friday evening during the organization's 8th annual banquet.

Taking two first-place blue ribbons was Young Farmer Tom Shuey, R2 Annville. This dairyman turned in the best sample in the high moisture corn category and the corn yield group.

Topping the corn yield was Shuey's entry of Pioneer 3184, a long season hybrid. Although the results of the yield contest were not available, Shuey's winning entry was planted April 29 after chisel plowing his limestone ground. To help give the corn that special boost, Shuey explained he plowed down 400 pounds of fertilizer and put an additional 250 pounds of 20-10-10 in the row.

A father and son team topped the corn quality and corn silage categories. Galen Bollinger of R1 Fredericksburg took first place in quality with his Agway 849X long season hybrid. This corn was planted conventionally on Bollinger's shaley loam soil.

Bollinger's son, Lamar, was awarded first place in the corn silage contest. His sample was taken from a mixture of corn varieties filling the upright silo.

The Bollingers own and operate a 130-head dairy farm, milking a herd of registered and grade Holsteins.

Still another dairyman took the blue ribbon for his alfalfa hay entry. Roy Moyer, R1 Jonestown, sampled his year-old stand of Saranac AR for the win. In order to get the top yield out of his alfalfa, Moyer fertilized the stand after first cutting and sprayed for insects with Cygon.

Moyer said he established the hay during the spring of 1980. It was seeded with a nurse crop of oats. The four cuttings he harvested from the stand this year will help to keep Moyer's 37 head of Holsteins content and milking.

As if to compliment his character, Leroy Geesaman won first place in the mixed hay division. Leroy, who farms a little of everything including chickens, swine and dairy cattle, submitted a sample he jokingly said he thought was straight alfalfa. "But they told me I had some grass mixed in with it," he laughed.

Becoming slightly serious, the Fredricksburg farmer admitted the sample was a third cutting alfalfa-orchardgrass mixture, grown on Berks loam soil. "Some people

were saying that I bought this hay for the contest. I didn't buy it — I stole it," Geesaman teased.

The final award went to semi-retired dairyman Ed Funck of Jonestown. Funck, who continues to do the field work, is working in 'partnership' with young Gary Lentz, with Gary milking 42 head of registered Holsteins and Funck feeding them. This year Funck was recognized for his winning haylage sample.

Funck explained that his entry was a straight alfalfa sample pulled from his upright silo, which Funck pointed out is a Harvestore. "And that's who donated the trophy — Penn Jersey Harvestore," he pointed out.

Other trophy sponsors included: Joe and Richard Kreider, Pioneer seeds; Agway Inc.; Lancaster Silo; K & K Feeds, Inc. and Production Credit.

At the close of the annual meeting, 1981 president Wesley Harding turned over the office to his vice president Clarence Mull. Serving with Mull in 1982 will be: Howard Gross, vice president; Dan Bausher, secretary; and Paul Maulfair, treasurer. Ray Bickel will continue to serve as advisor.

Other crop contest winners included:

CORN YIELD

Blue Ribbons
1 Tom Shuey, 2 Fred Donmoyer, 3 Robert Shuey, 4 Ed Funck, 5 Jeff Werner

Red Ribbons

1 Ray Sattazahn, 2 Gary Lentz, 3 Larry Shuey, 4 Richard Donmoyer, 5 Barry Donmoyer

White Ribbons

1 Lewis Werner, 2 Ken Mull, 3 Lamar Bollinger, 4 Clarence Mull, 5 Wes Harding

CORN QUALITY

Blue Ribbons
1 Galen Bollinger, 2 Lamar Bollinger, 3 Paul Maulfair, 4 Gary Lentz, 5 Dale Maulfair

Red Ribbons

1 Dan Hostetter, 2 Ray Berger, 3 Calvin Miller, 4 Tom Seaman, 5 Jeff Werner

White Ribbons

1 Clarence Mull, 2 Barry Donmoyer, 3 Roy Moyer, 4 Wilmer Weaver, 5 Ken Mull

CORN SILAGE

Blue Ribbons
1 Lamar Bollinger, 2 Tom Shuey, 3 Jeff Werner, 4 Barry Donmoyer, 5 Larry Shuey

Red Ribbons

1 Ray Sattazahn, 2 Calvin Miller, 3 Clarence Mull, 4 Ken Mull, 5 Howard Gross

White Ribbons

1 Dale Maulfair, 2 Sven Bomberger, 3 Wilmer Weaver, 4 Wes Harding, 5 Paul Maulfair

ALFALFA HAY

Blue Ribbons
1 Roy Moyer, 2 Ray Martin, 3 Ken Mull, 4 Barry Donmoyer, 5 Clarence Mull

Red Ribbons

1 Ray Sattazahn, 2 Larry Shuey, 3 Galen Bollinger, 4 Wes Harding, 5 Gary Lentz

White Ribbons

1 Chris Seaman, 2 Lamar Bollinger, 3 Paul Maulfair, 4 Vince Wagner, 5 Jeff Werner

MIXED HAY

Blue Ribbons
1 Leroy Geesaman, 2 Dale Maulfair, 3 Willis Geesaman, 4 Sam Geesaman, 5 Richard Vanleu

Red Ribbons

1 Roy Moyer, 2 Lamar Bollinger, 3 Vince Wagner, 4 Ray Berger

White Ribbons

1 Howard Gross, 2 Ron Shirk, 3 Ed Funck, 4 Ray Berger

HAYLAGE
Blue Ribbons
1 Ed Funck, 2 Gary Lentz, 3 Wilmer Weaver
Red Ribbons
1 Ray Martin, 2 Calvin Miller, 3 Larry Shuey

White Ribbons
1 Lamar Bollinger, 2 Tom Shuey, 3 Ray Sattazahn
HIGH MOISTURE CORN
Blue Ribbons
1 Tom Shuey, 2 Lamar Bollinger, 3 Jeff Werner

Red Ribbons
1 Ed Funck, 2 Gary Lentz, 3 Ray Sattazahn
White Ribbons
1 Ray Martin, 2 Wilmer Weaver



Northern Lebanon Young Farmers who turned in winning crop entries for 1981 were honored last Friday at the organization's 8th Annual Banquet. Winners included, from left,

Lamar Bollinger, corn silage; Galen Bollinger, corn quality; Leroy Geesaman, mixed hay; Tom Shuey, corn yield and high moisture corn; Roy Moyer, alfalfa hay; and Ed Funck, haylage.



DIAMOND CAGE SYSTEMS

THE SPACE SAVER - 4 or 5 HIGH STACKED The Most Efficient System On The Market For New Houses Or Conversions.

Thinking about making better use of your old poultry houses? Here's the answer.

With Diamond's 4-High Stacked Layer Cage System, you can increase the bird density of an old stair-step cage house from 30,000 birds to 108,000. And that's without adding a single square foot of floor space. The system 811 is just 73" high and 60" wide.

If ceiling height permits you can increase bird density even more — up to 135,000 birds with the 5-High System 812 or 162,000 birds with the 6-High System 813.

With new construction, you reduce your over-all investment per bird by putting more birds in a building and utilizing the otherwise wasted vertical space.

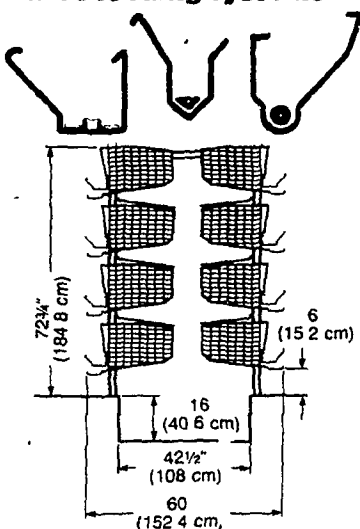


House Capacity, 4 High Stacked

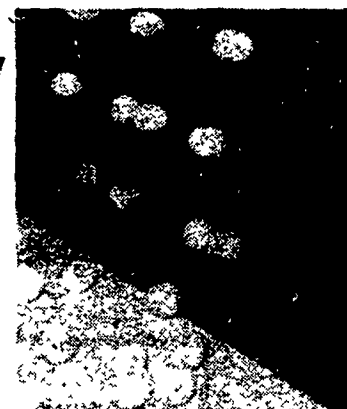
4 Rows - 200' - 28,800 Birds
4 Rows - 300' - 43,200 Birds
6 Rows - 400' - 86,400 Birds

The Diamond Stacked Layer Cage System is available with your choice of three feeding systems — the Flat Chain, F-80 Deep "Y" or Link Chain. And three watering systems — troughs, cups, or nipples. Doors are located on front of all cages. Installation is fast and easy.

Three feeding systems



Manure is deposited on rust-proof fiber glass manure chutes under each tier of cages and removed automatically by a Diamond manure removal system proven over 12 years.



Eggs are collected automatically by a special high capacity system designed for the Stacked System. Plastic or woven fabric belts are available. Let Diamond take you higher than anyone else in the business, with the new Stacked Layer Cage System.

Super High House Density Means Lower Investment Per Bird.

For producers who want the maximum house density in new facilities or converted buildings, Diamond has developed the Stacked Layer Cage System. This new system is available for deep pit houses and houses with pit scrapers or flat concrete slab.

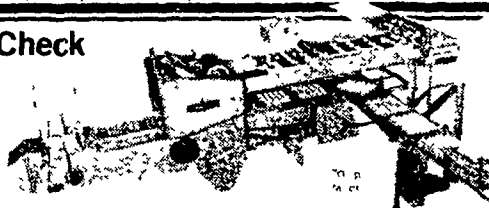
Are You Having Egg Breakage and Check Problems With Your Existing Packer? CALL US.

Diamond Automation's FARM PACKERS are...EGGScellent!

LET US SHOW YOU
THE EGG PACKER
YOU CAN BANK ON

★ FULL LINE PARTS DEPARTMENT ★ WE SELL, SERVICE & INSTALL
EMHERR

Serving The Industry for
Over 20 Years



EGGSceptional quality!
You can bank on Diamond FARM PACKERS.
They're made by Diamond Automation.

RD 1, Rt. 272 S., Herrville Rd.,
Willow Street, PA
Phone: 717-464-3321



Chicken Coop News

Update on the poultry industry

By Herb Jordan

Penn State Extension Poultry Specialist

Magnesium content of feed, manure

Eight samples of poultry feed were analyzed for magnesium in percent by weight on a dry weight basis.

Samples ranged from .13 percent magnesium for a mixture of corn and oats to .33 percent magnesium for a mixture of leghorn cage layer feed. Average magnesium was .234 percent of all eight samples. Grain and starter feeds were lower while layer and breeder feeds were higher.

Eleven manure samples were also analyzed for magnesium in percent on a dry weight basis and found to average .717 percent magnesium. Ranges were from .43 percent to 1.04 percent magnesium on a dry weight basis. Samples of

manure from young birds, those fed corn and oats and growing ringneck pheasants ran lower in this range while laying hen manure ran higher in magnesium.

Two eggs measured .04 and .06 percent magnesium, respectively, on a dry weight basis while eggshell from a turkey egg ran .42 percent magnesium.

In summary, magnesium varied over 100 percent from .43 to 1.04 in samples of manure on a dry weight basis. We may give an example of this by saying a ton of fresh poultry manure has 500 pounds of dry matter at .717 percent and would be applying 3.59 pounds of magnesium per ton of fresh manure applied.

HESSTON

**The
PRIME LINE**

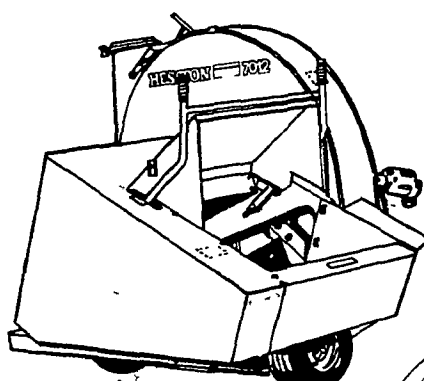
Invites You To

TAKE ADVANTAGE OF HESSTON



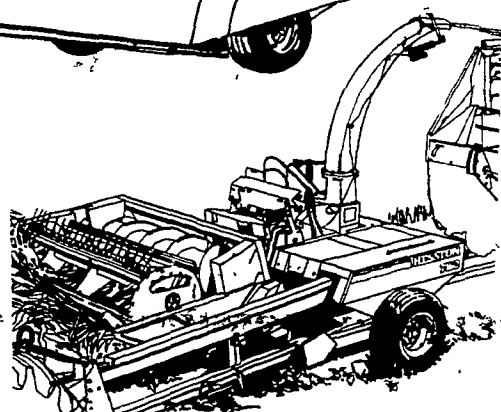
1. TAKE ADVANTAGE...

of Hesston's Superior Performance!



2. TAKE ADVANTAGE...

of Equipment Designed to Last, Unlike Some of Our Lightweight Competitors



3. TAKE ADVANTAGE...

Of Rebates To \$11,000 or
of Waiver To May 1, 1982 or
of 3 Year Financing At 12½%!

It's Plain Common Sense to take advantage of a Prime Line of Farm Equipment. Hesston... The Prime Line!

ACKLEY'S INC.

Deerfield, NJ 08313
609-451-8376

HUTTON FARM EQUIP.

Mahaffey, Pa. 15757
814-277-5504

CLAIR J. MYERS

RD 1, Thomasville, PA 17364
717-259-0453

STOUFFER BROS. INC.

1066 Lincoln Way West
Chambersburg, PA 17201
717-263-8424

AIRVILLE EQUIPMENT, INC.

Rt. 74
Airville, Penna. 17302
717-862-3358

ICKES FARM SUPPLY

Rural Route 1
Osterburg, PA 16667
814-276-3422

NESLEY EQUIPMENT INC.

RD 2
Pottstown, PA 19464
215-469-6391

VERNON E. STUP CO.

5859 Urbana Pk.
Frederick, MD 21071
301-663-3185

ANDOVER TRAC & EQUIP., INC.

172 Route 206
Andover, NJ 07821
201-786-5525

LONGENECKER'S INC.

RD 2, Williamsburg, PA 16693
814-793-3731

PIKEVILLE EQUIPMENT INC.

RD 2, Oysterdale Road
Oley, PA 19547
215-987-6277

UMBERGERS MILL

RD 4
Lebanon, PA 17042
717-867-5161

BUBB'S FAIRVIEW FARMS

RD 2, Muncy, Pa. 17756
717-546-3258

MAIDENCREEK FARM SUPPLY

Calcium Road
Blandon, PA 19510
215-926-3851

C. H. RINEHIMER

RD 1
Berwick, PA 18603
717-752-7131

WERTZ GARAGE

4132 E. Main St.
Lineboro, MD 21088
301-374-2672

DONALD L. ERDLEY FARM EQUIP.

RD 1, Lewisburg, PA 17837
717-524-2410
Evenings - 717-524-2408

MARSHALL MACHINERY, INC.

RD 4
Honesdale, PA 18431
717-729-7117

SHOTZBERGER'S EQUIPMENT

Elm, PA 17521
717-665-2141

ZIMMERMAN'S FARM SERVICE

Bethel, PA 19507
717-933-4114

C & P FULTZ

RD 1, Spring Mills, PA 16875
814-422-8805

MECKLEY'S GARAGE

Merndon, PA 17830
717-758-3915

STANLEY'S FARM SERVICE

RD, Box 46
Klingerstown, PA 17941
717-648-2088

IVAN J. ZOOK FARM EQUIP.

Star Rt. Box 5
Belleville, PA 17004
717-935-2948

PAUL W. HISTAND CO., INC.

697 N. Main Street
Doylestown, PA 18901
215-318-9041

MILLER REPAIR SERVICE

R 1 - Box 478
Bird-In-Hand, PA 17505
717-656-9013

STOLTZFUS FARM SERVICE

Cochranville, PA 19330
215-593-2407

HESSTON
FARM EQUIPMENT

Wayne Co. honors HFAA youth

HONESDALE — The Wayne County Holstein Club held its annual meeting and banquet on Thursday, November 19 at the Bethany Methodist Church Hall.

One of the highlights of the meeting was the presentation of awards to the 4-H'ers that participated in the county Milk and Butterfat Contest and also the Junior Holstein Club Distinguished Member contest.

Robert M. Wood, Wayne County Holstein Club Youth Chairman, presented milk and butterfat awards to Karen Dix, Pleasant Mount, Amy Spangenberg, Starrucca, Joann Garrett, Honesdale and Roger Dix, Pleasant Mount.

Each of these 4-H members received a trophy with their cow's milk and butterfat record inscribed on the trophy. The records of these cow's production was forwarded to the Pennsylvania Holstein Association for a state-wide Milk and Butterfat competition.

Bob Wood also presented awards to the four Distinguished Junior Holstein Club members.

Joann Garrett, Honesdale, was selected as the 1981 Wayne County Junior Holstein Club Distinguished Senior Girl. Joann is 17 years old and a member of the Cold Springs 4-H Ag. Club where she has served as club secretary and newsreporter.

She has been a Junior member of the Holstein — Friesian Association of America for five years. Joann has completed seven years of 4-H dairy project work and currently owns six head of Registered Holsteins, three which are producing age and are D.H.I.A. tested.

She has shown her 4-H dairy project animals at the Wayne County Junior Dairy Show and the Wayne County Open Dairy Show. Joann is very active in the Wayne County 4-H County Council and currently holds the office of secretary.

Other activities include participating in the county 4-H Demonstration Night, school concert band, football rifle squad

front, county band and girl's volleyball team. Joann is a senior at Honesdale High School and plans to attend nursing school after graduation.

Paul Bortree, Lake Ariel, was selected as the 1981 Wayne County Junior Holstein Club Distinguished Senior Boy. Paul is 18 years old and a member of the Ledgedale 4-H Community Club where he has served as President, treasurer, newsreporter and 4-H Teen Leader.

He has been a Junior Member of the HFAA for six years. Paul has completed eight years of 4-H dairy project work and currently owns ten head of Registered Holsteins, four which are producing age.

He is also an active member of the Wayne County 4-H County Council and a member of the Wayne County 4-H Dairy Judging Team that competed at Penn State. He placed fourteenth in the 1981 contest.

Paul has exhibited his 4-H dairy project animals at the Wayne County Junior Dairy Show, Wayne County Open Dairy Show and the Greene-Dreher-Sterling Fair 4-H and Open Dairy Shows. Other activities include being a member of the Wayne County 4-H Potato Judging and Defect Identification Team that competed at the Pennsylvania Farm Show, 4-H wildlife project, 4-H forestry, 4-H vegetables and 4-H tractor safety.

Paul is a 1981 graduate of Western Wayne Junior Senior High School and is currently a student at Penn State University studying Electrical Engineering Technology.

Jeannette Warring, Pleasant Mount, was selected as the 1981 Wayne County Junior Holstein Club Distinguished Junior Girl.

Jeannette is 11 years old and is a member of the Aldenville-Pleasant Mount Go-Getters 4-H Club. He has been a Junior member of the HFAA for two years and has completed three years of 4-H dairy project work.

Jeanette owns two head of Registered Holsteins, one which is producing age. This animal is on D.H.I.A. milk testing and is bred

classified. Her 4-H dairy project animals have been shown at the Wayne County Junior Dairy Show and the Wayne County Open Dairy show.

Other activities include Brownies, Girl Scouts and school chorus. Jeannette is a sixth grade student at the Forest City Regional Elementary School.

Richard Roesing, Beach Lake, was selected as the 1981 Wayne County Junior Holstein Club Distinguished Junior Boy. Richard, 14, is a member of the Calkins 4-H Club for five years and

has completed four years of 4-H dairy project work.

He has been a Junior Member of the HFAA for one year and currently owns four head of Registered Holsteins, none which are milking.

He has served as Vice-President of the Calkins 4-H Club the last three years and has also served as newsreporter. Richard has exhibited his 4-H dairy project animals at the Wayne County Junior Dairy Show and the Wayne County Open Dairy Show.

During 1981, he has received the

Master Fitter, Master Showman, Master Exhibitor and Reserve Champion Junior Showman awards with his 4-H dairy project animals.

His scholastic activities include freshman basketball, Enrichment Program and Chess Club. Richard is currently a tenth grade student at the Honesdale High School.

Trophies and U.S. Savings Bonds that were presented to the 4-H dairy winners were sponsored by the Wayne County Holstein Club.

Seal heat leaks for winter

YORK — The cost of energy continues its upward spiral and there has never been a better time to seal off those "heat leaks" found in every room in the house.

You don't have to be an expert craftsman with special tools or spend yourself poor to achieve significant energy savings, either.

Here are five simple, heat-leak reducing, energy saving hints that the average homeowner can use to save money and remain comfortable this heating season:

1. Plug Up Drafts— Check such structural openings as mail chutes, fireplace dampers and doorways. If you detect a draft seeping through, seal the opening with masking or adhesive tape.

2. "Use" Windows— Windows can be both a serious energy drain and a source of warmth. More than one-third of all the heat lost in a home is through windows, the Department of Energy claims. That's because the glass is a conductor of heat — it allows costly fuel-heated air to pass through to the cold outdoors. The more air that is lost this way, the more energy must be used to replace it.

A standard light color, opaque, vinyl-covered cloth shade can prevent an average of 35% of the heat that normally leaks through from escaping. Venetian blinds and draperies cut heat loss by 22%, about one-third less effective than the less costly window shade.

Window shades should be fitted

close to the frame — as close as 1/4" — and about an inch from the glass to form a window seal. Draw shades during the cold morning, evening, and nighttime, and during the day on the north side of the house.

But let the sun shine in the uncovered windows facing south. This will help warm those rooms at no cost, a bonus to balance off the loss at other times.

3. Close Off Unused Rooms— If you have a room that is seldom or never used, turn off its radiator or heaters and keep the door tightly closed. Check the door frame for cold drafts. Seal heat leaks with tape, as with any outside door.

4. Check Your Furnace— Examine the air filter in your furnace at least once a month during the heating season. If it's clogged with dirt, clean or replace

it. And check the hot air ducts for leaks. Repair them with masking or adhesive tape, or use inexpensive "duct sealing" tape available at most hardware stores.

5. Set Thermostat Lower— A two or three percent savings in your fuel bill may be realized for each degree you lower your thermostat setting.

There are many other simple and inexpensive things you can look into, like caulking and weatherstripping windows and putting a blanket of insulation around exposed hot water pipes.

Heat leaks around the house waste energy and cost money. And, as you can see, you don't have to be an expert home handyman or spend lots of money to plug up the costly heat leaks that are all too prevalent around the house.

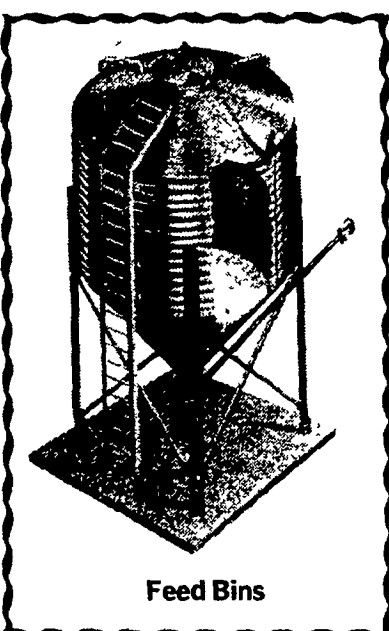
Lebanon FFA holds initiation

LEBANON — The Lebanon County Future Farmers of America held its initiation on Nov. 24, at Annville-Cleona High School. The evening started with the opening ceremonies.

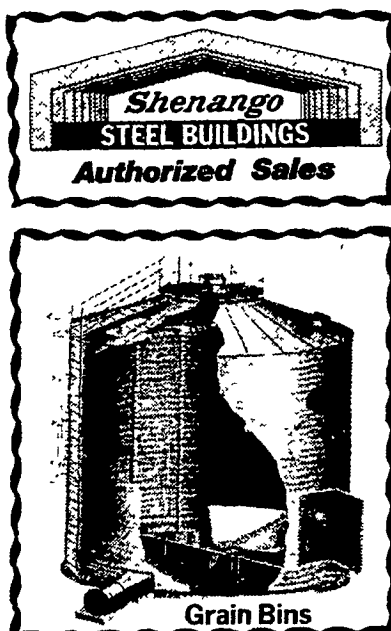
The highlight of the evening was the creed contest. The members

from Cedar Crest that participated in this contest were Gary Krall, who placed 6th and Ed Zurek who placed 7th. The Greenhand and Chapter Farmer Degrees were conferred. Laurel and Hardy movies were shown for entertainment.

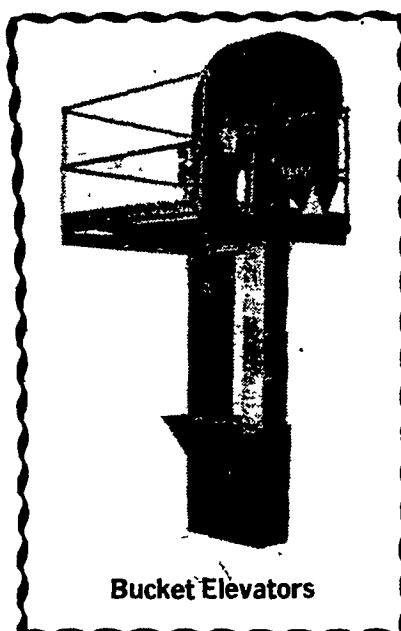
See Ebersole Equipment & Supply Company For...



Feed Bins



Grain Bins



Bucket Elevators



Diamond International



Poultry Systems

SMALL



Hog & Cattle Equipment

EBERSOLE EQUIPMENT & SUPPLY COMPANY
JOHN R. EBERSOLE

RD 5, Box 190, Manheim, Pa. 17545
Phone (717) 665-6861

(For More Information, Call or Send Coupon)

Please Send Information On The Following:

- | | |
|---|---|
| ☐ Grain Bins | ☐ Shenango Buildings |
| ☐ Feed Bins | ☐ Poultry Equipment |
| ☐ Bucket Elevators | ☐ Hog Equipment |

Name _____

Address or Rural Route _____

Town _____ State _____ Zip _____

Phone (Include Area Code) _____

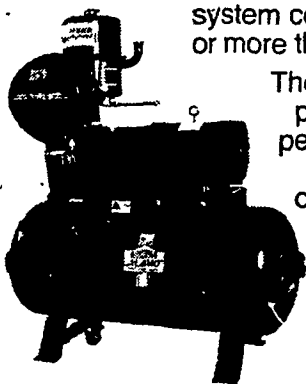


We Can Make Your Cows Worth More...

HAVE YOU GOT \$40 A COW TO BURN?



Not many dairymen have that kind of money to waste. Yet an undersized, worn-out or poorly-regulated vacuum system could be costing you \$40 per cow or more this year in lost milk.



The right, high-capacity Surge Alamo pump can harvest an extra pint per cow per day that a poor system leaves behind. And at current milk prices, that's \$40 or more for each cow in one year.

How efficient is your vacuum system? Call us. It could mean \$40 per cow each year in your pocket.



YOUR 4 BEST WAYS TO FIGHT MASTITIS.



- 1. Surge TeatKote® Iodine Teat Dip**
A 10,000 PPM (1%) iodine formulation with controlled pH. Provides rapid kill of bacteria, yet is mild on teat tissue. A time-tested performer
- 2. Surge TD-34 Cosmetic Based Teat Dip**
Exclusively formulated with "Bronopol" for broad-spectrum anti-microbial action. Fortified with lanolin for tissue toning
- 3. Surge Tegraron After-Milking Teat Dip**
A combination quaternary ammonium formulation fortified with lanolin and glycenn. Controls external mastitis-causing bacteria, while providing tissue toning qualities
- 4. Your Surge Route Man**
He knows how teat-dipping helps the cow guard against new mastitis infections. And he can help you incorporate a teat-dipping program into your daily routine, and help pick the best teat dip for your needs



EQUIPMENT QUALIFIES FOR INVESTMENT TAX CREDIT!

Check With Your Nearest Surge Dealer Today...

BRANDT'S FARM SUPPLY INC.

601 E. High St.
Elizabethtown, Pa.
Ph: (717) 367-1221

BRICKERVILLE EQUIPMENT

Lester Boll, Prop.
Brickerville, Pa.
Ph: (717) 626-6198

PARADISE

Farm & Home Center
RD 1, Thomasville, PA
Ph: (717) 225-1064

JIM'S SALES & SERVICE

Oak Bottom Rd., Box 37
Quarryville, Pa.
Ph: (717) 786-1533

DONALD UPPERMAN

RD 3, Chambersburg, Pa.
Ph: (717) 264-6007

PEN W. HOSTETTER

RD 2, Annville, Pa.
Ph: (717) 867-2896

LONGACRE ELECTRICAL SVC. INC.

Bally, Pa.
Ph: (215) 845-2261

H. DANIEL WENGER & BRO. INC.

RD 1, Hamburg, Pa.
Ph: (215) 488-1025

Alternatives for the Christmas tree

LANCASTER — Does it bother you to spend money each year for a Christmas tree that lasts only a couple of weeks and then must be thrown out? How about using a live tree this year that can serve as a handsome houseplant the rest of the year and by next Christmas will be bigger and better than ever.

Two candidates for this job are foliage plants often used for interior decoration and available from most florists — the Norfolk Island pine and the podocarpus.

Though perhaps not as traditional, when decked out with ornaments and tinsel both make handsome tabletop Christmas trees, says University of Delaware extension horticulturist Charles Dunham.

The Norfolk Island pine isn't really a pine at all, but it does have evergreen needles. These cover branches spaced regularly around the trunk like spokes on a wheel. Each new flush of growth adds another tier of branches. The most handsome specimens have five

"spokes."

"This is one of the most satisfying plants for use as a large indoor foliage specimen," says Dunham. It requires moderate light, prefers cool temperatures, and has few insects or disease problems. Its most exacting requirement is a uniformly moist soil. "Let it dry out even once, or overwater so that the soil becomes soggy, and it will lose some of its lower branches," he says.

Norfolk Island pines can be put

outdoors in the summer and will stand full sun if they're gradually conditioned to it. In Florida, where these trees grow outside, they reach a height of 100 feet. Indoors, growth is much slower and they'll take 10 or more years to reach five or six feet.

The podocarpus is an upright evergreen with coarse, yew-like foliage. It, too, grows outdoors where winters are milder — from the Carolinas south. "It's one of the few foliage plants that isn't

bothered by an occasional blast of cold air," says the specialist. "So it can be located in or near an entrance way." It likes moderate light, even moisture and, like the Norfolk Island pine, has few pest problems.

A two-and-a-half to three-foot specimen of either of these plants will be priced very competitively compared to a choice full-size cut Christmas tree and much cheaper than a live one. Plants a foot or so taller will cost considerably more, however.

Del. Soybean Board grants aid program

DOVER, Del. — The Delaware Soybean Board announces it will receive proposals for its 1982 Grant-in-Aid program through January 15, 1982.

This is the second year of this farmer-run self-help program. Last year the Board selected twelve projects ranging from variety testing, under Delaware's conditions, to participating in an international soybean marketing program.

The Board's chairman, Joe Hughes, explains that they will be able to fund proposed research, educational and production projects or that proposed projects must present an opportunity for results that will benefit Delaware Soybean producers.

To obtain grant request guidelines, contact the Delaware Soybean Board, Drawer D, Dover, DE 19901 302/736-4811.

Heart of Penn goat breeders will gather

DORNSIFE — The Heart of Penn Goat Breeders will highlight their December meeting with a covered dish buffet.

The Dec. 12 meeting is scheduled for 7:30 p.m. at the Lee Zartman home in West Milton, Union County.

The group is slated to hear Dick Carlson, the new owner of Pure Goat Products, Boyertown. Carlson will be on hand to answer questions on commercial goat dairying.

Anyone interested in dairy goats is invited to the meeting and should contact Roberta Molard, secretary, for more information on covered dishes needed as well as other interests in the group. Molard's number is 717-758-8359.

To get to the Zartman home, take Route 15 to the Milton exit, left at stop sign off the exit ramp. Continue one mile past the West Milton State Bank and take the first left past the bank. The Zartman home is the first double brick home on the left.

"THE EXECUTIVE" 8085 Series II

Computer Controlled Dairy Feeding System



SUMMARY

Cow #	# Feed Programmed	# Feed Consumed	Ration Fed To This Cow
001	20	20	A
002	10	10	A
003	3	3	A
004	25	25	B
005	17	17	A
TOTAL FEED - 00075			

The cow number, feed quantity and choice of rations are entered on a keyboard. The computer looks at a tag permanently fastened to the cows ID rope and will allow her to eat 1/2 of this each 12 hr. period.* At the end of each 12-hour period, the computer will record on tape the consumption of each animal programmed. *Other time intervals available.

THE 8085 will provide for

The cow

1. A feeding stall allowing her to eat unmolested.
2. A feeding area protected from the weather.
3. A control of the quantity and type of concentrate.
4. A gradual increase and decrease of concentrate.
5. Feed control that will eliminate fat cow syndrome, displaced abomasum and other feed related health problems.

The dairyman

1. A feeding system that will provide the correct amount and type of concentrate.
2. A means of changing amounts and types of rations with no cow handling.
3. Less health problems.
4. More milk with less feed.
5. A printed copy twice daily of the feed used by each animal or animals that need attention only.

SPECIFICATIONS

• CAPACITY

- 254 cows
- Up to 8 feed Hoppers
- a choice of 2 rations may be selected

• DRY STORAGE BINS

• HIGH MOISTURE DISPENSING BIN

RYDER SUPPLY CO.

P.O. BOX 219, 539 FALLING SPRING ROAD
CHAMBERSBURG, PENNSYLVANIA 17201
PHONE 717-263-9111



On being a farm wife - And other hazards

Joyce Bupp

A recent addition to our household has rendered new meaning to that old adage about "keeping the home fires burning."

We are now official members of the brag-about-your-woodstove set.

Duly installed in the basement, effectively blocking use of our former inefficient fireplace, Wonder Wood (sounds like a TV series) is subtly altering our daily lifestyle.

First thing in the morning and last thing at night no longer applies solely to checking the dairy herd, but also to regular feedings of the yawning tummy of Wonder Wood.

Shoulder and arm muscles are getting increased exercise through repeated applications with a broom to the telltale path of bark chips, wood crumbs and sawdust that trails across the basement floor.

Meanwhile, the backyard could well pass as the site of future Woodsmen's Carnivals.

And the dust on the furniture may be just a smidgeon thicker than before, although it normally collects so rapidly that it's truly hard to blame that on the stove.

But the extra dirt is but a mere trade-off for Wonder Wood's benefits that have warmed us, both inside and out.

A touch of smug self-sufficiency

hovers in our inner selves, knowing that even if the electric went off in a blizzard, we could still remain warm and at least make hot soup in a pinch.

Rarely, except on extremely windy days, or an occasional morning when the coals have sunk to the simmer stage, does the oil burner click on.

The house is permeated with that "woodsy" fragrance, a smell that never fails to mentally carry me northward to one of our favorite seclusions, the hunting camp in the beautiful central mountains of Pennsylvania.

And the stove heat has proved to be a handy booster to soggy mittens, damp boots, and jeans that didn't quite dry out on the washline.

Wonder Wood has also fulfilled a dream I've long cherished: a place to curl up on a couch, warm and toasty, in our formerly cold and damp basement, to read and write at those times when the phone is ringing, a TV program noisily occupies attention upstairs and a general uproar reigns.

Now if I can just find a place to sit among the library books, homework, jigsaw puzzles, farm magazines and sleeping cat that have taken over my intended retreat, I'll be in business.



Officers of the Mifflinburg Young Farmers include, from the left, Donald Spangler, chaplain; Cliff Valentine, public relations; Dan

Spangler, vice president; James Sanders, president; Ken Martin, secretary; and Scott Sanders, treasurer.

Mifflinburg YF elects officers

MIFFLINBURG — James Sanders, R1 Millmont, is the new president of the Mifflinburg Young Farmers Association.

A Penn State graduate, Sanders is a partner with his father in a dairy operation with crop and beef enterprises. A member of the Mifflinburg Area School Board, he previously served as the Association's vice-president.

Dan Spangler, New Berlin, is serving as the Association's vice president. Also a Penn State graduate, Spangler is a former agricultural education teacher and American Breeder Service

representative. He is now a partner in a dairy enterprise in the New Berlin with his father, Donald Spangler, who was elected chaplain.

Kenneth Martin, who has a fruit and vegetable farming operation on Buffalo Road, Lewisburg and Scott Sanders, R1 Mifflinburg, a salesman for the Mifflinburg Farmers Exchange, are the new secretary and treasurer, respectively.

Cliff Valentine, R1 Millmont, a loan officer for Farm Credit Service, Lewisburg, will serve as director of public relations.

Members of the Association's executive committee are dairy farmers Fred Epler, R1 Lewisburg; John Walter, R1 Lewisburg; Lee Spangler, R3

Mifflinburg; Myron Shuck, R1 Mifflinburg; Max Heiss, R2 Mifflinburg; and Ralph Stahlnecker, R3 Lewisburg, who has a swine operation.



LONG JOHN BALMER INSULATION

Full Warranty On Insulation For Life Of Structure

- Fully Insured
- Free Estimates
- We Can Do The Job Now

643 Penryn Rd
Manheim, PA
(717) 665-4132

ELECTRICAL CONTRACTING

Specializing in **AGRICULTURAL WIRING**

Also Residential, Industrial And Commercial Work
Free Estimates

C.M. HIGH CO.
320 King St.
Myerstown, PA 17067
Phone: 717-866-7544

We Specialize in Aerial Work Using Our Twin Bucket Boom Truck
Extends To 55 Ft.

We Have Poles In Stock...25', 30', 35' & 45'

HERR PUMP CO.

211 N. Ann St.,
Lancaster, PA. 17603
717-393-3694

SALE SALE SALE SALE

**INVENTORY REDUCTION
SALE OF NEW & USED
MERCHANDISE & TOOLS**

NEW ITEMS

Submersible Well Pumps * Gasoline Engine Driven Pumps * Well Supplies * Valves * Pipe Fittings - Malleable, PVC, Brass * Ram Pump Parts * Hand Pump Parts * Other Pump Parts * Pneumatic Tank * Sump Basin * Pipe - Steel - PVC * Hose * Wire

USED ITEMS

Jet Pumps * Piston Pump * Sump Pumps * Large Chain Pipe Wrench's and Vises * Pipe Clamps * Motors - Jet - Submersible - Turbine * 6" Check and Gate Vales * Pipe * Pipe Fittings * Tri-Pods * Shelving * Chain Hoist * Pump Puller * 12 Ft. Overhead Belt Pulley System With Metal Saw, Two Wheel Grinder, and Drill Press * These Items And Many More

Sale Hours - Dec. 16 - 1:00 P.M. to 5:00 P.M.

Dec. 17 - 9:00 A.M. to 5:00 P.M.

Shop Early For Best Selection

Any Reasonable Offer Accepted

"Everything Must Go"

TERMS: Cash or Check

No Cards

Fall Sale

L.B. WHITE COMPANY, INC.
ONALASKA, WI 54850

WHITE HEATERS

LOW COST, RELIABLE HEAT FOR THE FARM

- Engineered for farm use
- Ideal for livestock and poultry barns
- Work in comfort
- Pays for itself
- Proven reliability
- Low maintenance
- Quiet comfort
- Safe, clean heat
- Design American Gas Association certified
- Lowest price tag
- Simple installation
- Automatic thermostat control

Animals Produce Better, You Work In Comfort With White Heaters.

CHECK OUR PRICES BEFORE YOU BUY!

Swine and Poultry Systems

FARMER BOY AG. INC.

Best in Design, Price and Experience

457 E. MAIN AVE.
MYERSTOWN, PA 17067
1/2 Mile East of Myerstown

Call 717-866-7565 For An Appointment or Stop By Our Office. Our trained Staff Will Do Their Best To Assist You With Layout And Design.

What questions should you ask seed dealers?

DEKALB, II. — It's the time of the year again when dealers from more seed companies than you can remember are stopping to see you. Time spent with these individuals can be some of the most profitable time you'll spend during the winter months — that is, if you know what to ask.

First in everyone's mind is yield potential. This is the perfect time to ignore the coffee shop talk and look at real numbers. Ask the dealer for local authentic yield results and be sure you know whether the yield is from an uncleaned, machine-harvested field or from a small, hand-picked plot that received special attention.

Be sure you ask the dealer to have a copy of yield results or write them down. This is useful only if you do this with every dealer and then sit down to compare yields between hybrids and companies you are interested in. Get as many yields from each dealer as you possibly can.

Later, you may want to call the farmer who grew the yield which the dealer is showing. Get his impression — it could be valuable.

Finally, ask the dealer about top-end yield potential of a particular hybrid on your farm. Discuss the field you'll plant it in as well as your management practices. This will help the dealer give you an estimate.

Customer service is critical for you, and you should so inform the dealer. Try to think of possible instances in which you could use the dealer's assistance.

Are there times you're planting late and need more seed? Will the dealer deliver seed to you anytime? Can you change your seed order? When is payment expected and are there any price breaks?

How and who will handle any complaint calls? Is the dealer and the hybrids he sells backed by research and agronomic departments? These questions can help make or break your crop.

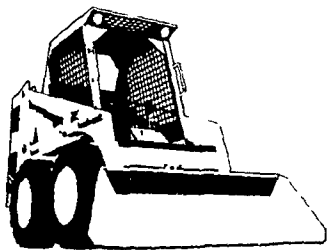
When your decisions are

narrowed to a few hybrids, find out about every characteristic you can. Obtain standability, maturity, disease and insect resistance and ear retention ratings.

Make note of any special instances such as any herbicide sensitivities.

RENT-A-BOBCAT and DO YOUR OWN THINGS!

You'll get tons of work out of a rental BOBCAT... like moving dirt or sand, digging a trench, transplanting a tree or wrecking a building. Rental available by the hour, day, week or month. Call us today



SWOPE & BASHORE, INC.
RD #1, Myerstown, Pa.
(Frystown)
Phone 717-933-4138



CLARK

MAILBOX MARKET

For Sale- 20 cu. ft. Kelvinator side by side refrig-freezer, auto. defrost, white, exc. cond. \$350. Berks Co. 215-926-3432 evenings.

For Sale- One 500 gallon Universal bulk milk tank in good cond., \$500. 301-632-1207.

For Sale- 3 Toy Fox Terrier puppies, Luke Martin, RD1 East Earl, Pa.

For Sale- Butchered hogs, average 240-250 lbs. Jacob B. Ebersol, 128 Goshon Mill Rd., Peach Bottom, R#2 Pa. 17563.

For Sale- Saddlebred mare, traffic safe and sound. Bred to morgan stud, Isaac K. Stoltzfus, Quarryville #2. Pa. 17566.

For Sale- 20- used steel sash, 50" x 92" 90% glazed \$30. Each or best offer, Lehigh Co 215-282-1640

Wanted to Trade- Farmhand 5 wheel hay rake for Grimm or Pequea hay tedder in serviceable cond., Cumb. Co. 609-825-5051.

For Sale- 1 PTO log splitter \$200. Riteway 2000 stove \$275 Farmhouse for rent (preferably plain people), York Co. 717-229-2522.

For Sale- Reg. Holstein bull, service age, sired by Arlinda Jet Stream-Twin, Dam- Will-hel Elevation bell, 215-562-8323 Berks Co.

For Sale- 1 Reg. Missouri Fox Trotter, 4 yr. old gelding, green broke, gentle, 717-784-6409 Columbia Co.

For Sale- AC four hp. Sno-Bee snow blower, like new, Lanc. Co. 717-626-5751.

For Sale- 12x8 Concession trailer with oven \$2500 or will trade for pickup truck, Lanc. Co. 717-872-5528

MAILBOX MARKET

For Sale- 1959 Edsel, 4 door, good cond., Franklin Co. 717-597-8300.

For Sale- Self-feeder for two pigs, \$40. Two calf buckets, small amount of corn and straw, Lanc. Co. 717-393-1818.

Wanted- PTO shaft from JD 12A combine, also need 12" or 14" wide overhead door, 717-345-4882.

For Sale- Ford F700 new motor, new tires, 5 speed trans. 2 speed rear. 16" all steel body, 609-395-0232 South Brunswick, NJ.

For Sale- AQHA 6 mo. old beautiful sorrel colt. Stocky built, no white socks, a little white on face, Lanc. Co. 215-267-2706.

For Sale- 27" high by 37" wide glass fire place doors with screen in exc. cond. York Co. 717-252-2074

For Sale- NH stone crusher, \$895. Steam Jenny - hi-pressure washer-steam cleaner combination \$495 Lanc. Co. 717-548-2559.

For Sale- MF 550 combine, 43 corn head, 13' grain head, many extras, like new, 814-684-3057.

For Sale- M & W Robot for Combine head to 14". Smoker corn drag, Bedford Co. 814-735-3293.

For Sale- Standardbred horse stand's 17 hands broke, Eli E. King, 3334 W. Newport Rd., Ronks, R1, Pa. 17572

For Sale- Feed truck blower \$100 Berks Co. 215-285-6519.

Wanted- 730 or 830 Case diesel engine block will buy complete tractor if price is right, Leb. Co. 717-949-3071

For Sale- AKC Doberman Pinscher pups, Chris Z. Martin, East Earl #1 17519 Lanc. Co. near Charles Saunders Mill.

For Sale- Bicycles, Boys 20" \$20. Mans 26" baloon \$5. 26" Middleweight \$6 26" two speed \$7 Lanc. Co. 717-665-4150.

For Sale- Used IH Loader for Farmall H with 100" snow bucket \$175. Lanc. Co. 717-872-2898.

For Sale- Market wagon, good shape, 12 volt lights \$1250. Slantz diesel engine w/pulleys for on baler, York Co. 717-382-4454.

For Sale- Tractor chains to fit mostly any size tires, large amount new 2x6's, snow fence, Cole planter, 717-776-7724.

For Sale- 14 feeder pigs, 35-45 lbs. Lanc. Co. 717-786-1882.

For Sale- AC WD tractor with front end loader & scraper blade \$1100. Bucks Co. 215-598-3575.

Help Offered- Available hired help Jan. 1982 young christian man prefers working on farm with team people. Elam Z. Zimmerman, RD#4, Box 140, Lititz, PA 17543 717-733-6698.

For Sale- Massey Ferguson No. 3 baler, good cond., \$600 301-692-2838 after 8 p.m. Harford Co.

For Sale- Storage trailer, 40', dryvan, good floor, insulated, will move to your location, Chester Co. 215-431-3183

Wanted- Wood splitting cone for auto axle for Sale- Young Suffolk sheep, \$55 each. 215-582-3066 Berks Co.

For Sale- Pair of Goodyear studded snow tires F60-15, used one season, 717-426-1405 early a.m. or late p.m.

For Sale- Pony sled \$100 Also 2 good ponies, 1 gelding & 1 mare, good for children, Perry Co. 717-834-5024.

For Sale- Mennonite, double carriage, lights, no roller bearings, \$350, ready to use, purebred nubian goat \$115 Lanc. Co. 717-354-8029

MAILBOX MARKET

For Sale- Springer Spaniel pups, brown, Lanc. Co. 717-768-8857.

For Sale- 39 lb. bow, 42 hunting & target arrows, arm protector, finger tip protector, 2 quivers, Montg. Co. 215-723-7756.

For Sale- 2 Holstein heifers near freshening, 10 used Badger tree stalls, good cond., Lanc. Co. 717-653-5344 after 7:30 p.m.

For Sale- NH 717 harvester, IH 56 blower, NI haybine, Lamco silage wagon, Juniata Co. 717-535-5721.

For Sale- Reg Holstein cow due in Feb. one light quarter. Records over 600 fat \$700. Lanc. Co. 717-665-4182.

For Sale- German shorthaired pointer pups, reg., \$75. York Co. 717-292-4653.

For Sale- 420 JD crawler, good working cond., Lanc. Co. 215-445-5834.

For Sale- 2- P215/75 R15 radial snowtires on 15" rims, excellent tread. Wanted- good timothy hay, Lanc. Co. 717-626-1736.

For Sale- 1949 Int. KB-5 truck, 1 1/2 ton flat bed, restored, repainted, all chrome. intact, runs perfectly, Chester Co. 215-647-3839.

For Sale- JD 9' KB Disk and 9' Brillion packer, both good cond., Lanc. Co. 717-442-4596.

For Sale- 1 pr. Hercules 825x14 snow tires, 1 pair Kelly HR78x15 snow tires, 717-949-3175 Leb. Co.

For Sale- JD 246 2-row corn planter, 3 pt. hitch with fertilizer attachments, good cond., \$395. Lanc. Co. 717-548-2559

For Sale- Farmall H tractor, 16 ft. forage wagon, Steam Jennie, 12-5L-15 tire, tube and wheel for skidloader, Leb. Co. 717-865-6585.

Wanted- Fenders complete & in good shape to fit JD 530. York Co. evenings 717-292-4245.

For Sale- 62 Walter snow fighter w/10' hydraulic salt spreader and 11' plow. Also 62 Oshkosh sane equip 215-584-9022 eve.

For Sale- Blonde tilly colt, 6 months old, old logs, Henry R. Miller, 2714 Creek Hill Rd., Leola, Pa. 17540.

For Sale- Roller bearing top buggy w/brakes and rubber tires in good cond., \$1400. 215-445-5503 Lanc. Co.

For Sale- Live large Muscovy ducks. Girtton 400 gallon diplomat bulk tank and transfer station, tractor tire 13-6-26 4 ply, Perry Co. 717-834-3676.

For Sale- Snow blade, 10 ft long, 3 ft. high \$185 717-657-0830 Dauphin Co.

Free- 1 male collie, 1 male part beagle. Also a tree doghouse w/first dog's new owner, Juniata Co. 717-463-2902.

Wanted- 3 pt. hook-up cord wood saw, exc. cond. 717-889-3580 anytime or write R1 Box 77 Ringtown, PA, 17967.

Wanted- Following equipment - heavy disc harrow, 12' or 14', transport grain auger, gravity grain wagon, 215-257-9286 after 7 p.m.

For Sale- New, never used. Kohler 'Lady Vanity' white bath sink, family shampoo center & baby bath. Chester Co. 215-932-9638.

For Sale- Jeep Cammando A.I. - 304 - V8, exc. cond., 69,000 miles, new paint AM-FM radio, \$1595 Mifflin Co. 717-935-5223

For Sale- 2 calf creep feeders, 1-6ft. creep feeder and 1 8 ft - made of heavy gauge metal, 717-865-4757 Leb. Co.

For Sale- New VanDale 1MR mixer feeder, good price, also barn cleaner chain, Union Co. 717-966-3264

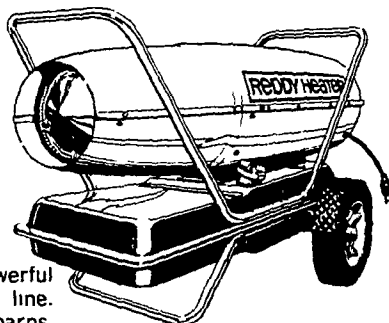
Bomberger's

Reddy Heater Portable Oil-Fired Heaters

List Price \$499.00

SALE

\$429⁰⁰



M150S

Reddy Heater The most powerful heater of the Reddy Heater line. 150,000 BTU output Great for barns, warehouses, factories, or construction sites. Runs on kerosene or No. 1 fuel oil, and a standard electrical outlet. Runs 12 continuous hours on one tank of fuel. Equipped with rugged wheels and handles for easy portability. 77 lbs 42" L/20" W/24" H

OTHER MODELS IN STOCK

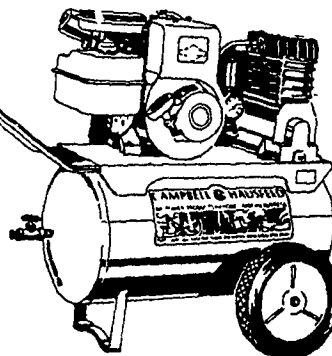
	List	SALE
M-30 30,000 BTU	\$225	\$179
M-50 50,000 BTU	\$265	\$219
M-100 100,000 BTU	\$399	\$329

CAMPBELL HAUSFELD AIR COMPRESSORS

List \$476.95
SALE

\$389⁰⁰

3 horsepower, gas engine Campbell Hausfeld air compressor for air power away from power lines 4.2 SCFM air delivery at 40 PSI 15 ft of 1/4" hose. Pressure switch gauge for reading 11 gallon tank FL 3509

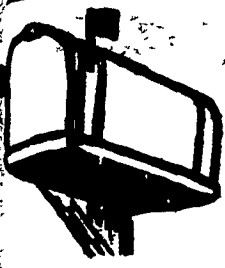


OTHER MODELS IN STOCK:

	List	SALE
1/2 H.P.	\$220.95	\$169 ⁰⁰
3/4 H.P.	\$259.95	\$199 ⁰⁰
1 H.P.	\$469.95	\$349 ⁰⁰
1 1/2 H.P.	\$515.95	\$399 ⁰⁰

Bomberger's ELM, PA.
Ph: 717-665-2407

Monday, Thursday, Friday 'til 9:30 • Tuesday, Wednesday, Saturday 'til 6:00



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

- Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience. All advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.
- Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale: David Bradley wagon gear, 6 ply tires, good \$225. Ford farm truck '54, #6 wt. class. 717-665-5728 Manheim

For Sale: 21 Volume Handyman-Do-It-Yourself Encyclopedia, never used cost \$110 will sell for \$50. Berks Co 215-689-9023.

For Sale: 2 used western saddles, complete with girths and blankets. Excellent cond. \$150 each. Carroll 301-795-262

For Sale: Reg Shropshire wearing rams and ewe lambs, D'Ambra and Sheppard bloodlines, Leb. Co 717-949-3653.

For Sale: Western saddles, bridles and tack, new or like new, junior show saddle, ladies' Simco, Chester Co. 215-532-4728

For Sale: New market wagon, fiberglass body w/hydraulic brake, David S. Glick, Stone Quarry Rd., Leola, Pa 17540

For Sale: Reg. Hol. Bull, sire Marxev, dam Harrisburg Gay Ideal, records over 20,000M, 200F Lanc Co 717-653-5005

For Sale: 265 ft acorn cleaner cable, used 2 yr. 50 cents per ft. 717-354-0176

For Sale: 3 Surge milker units, 250 lbs 1-40 lb. late style, electric pulsation, 20 stall cocks, Lanc Co 717-354-6706

For Sale: McKissic portable grinder and mixer, running cond., \$250. Lanc Co 717-786-1648.

For Sale: Good used 7 hp Wisconsin engine \$120. Emanuel L. Beiler, 96 Paradise Lane, Ronks, Lanc Co

For Sale: Toy Fox Terrier, male pup, 11 wks. old \$35 Enos King, 2065 Horse Shoe Rd., Lanc. Pa.

For Sale: 6 yr. old Standard Bred carriage horse, safe, Elam B. Esh, Ronks, #1 Pa. 17572 Harvest Drive 3127C.

Wanted: Minnich tobacco press, 717-786-3567.

Wanted: Complete gear box for a No. 15 NI manure spreader, Lanc. Co 717-665-5683.

For Sale: Fox Terrier pups, 6 weeks old, Lanc. Co 717-859-3920.

For Sale: AKC Reg. Rottweiler pups, wormed, docked tails, and one Chinese Sharpei female pup, best offer, 215-445-3176

MAILBOX MARKET

For Sale: AKC Cocker Spaniel pups, buff, wormed, ready to go or will hold until Christmas, \$80. 215-445-4083 Lanc. Co

Wanted: Used roller feed mill, also used planer, NJ, 201-543-4735 call after 6.

For Sale: NI 206 spreader on steel \$495 N.H. 258 hay rake \$1095 Brady tank spreader \$595 717-354-0266

For Sale: 2 good tractor tires 10-28 Oliver 66 tractor on steel w/cultivator in working order \$700. Lanc. Co 717-733-2584

For Sale: Good used 3/4 hp electric motor, Daniel Esh, 1 1/2 mi. east of Strasburg on route 741.

For Sale: 3-12 hole, 2 ton capacity, Shenandoah Round Hog Feeders, \$300 each. 609-451-4968 Cumberland Co., NJ.

For Sale: 9 mo. old Alpine doe out of Talisman herd can be reg. call after 5:30 p.m. 215-948-5183 Montgomery Co. \$70.

Wanted: Gear box drive for Loudon or Crown Barn Cleaner, overhead drive, 17/8" shaft, Leb. Co. 717-273-5293.

For Sale: JD Model W PTO manure spreader, exc. cond \$750. 61 Ford Galaxie 4 dr. \$150. Berks Co. 215-562-2118

For Sale: 1972 Chrysler Towne and Country stationwagon, 440 cu. in. air, all weather radials, 717-761-0651 after 8 p.m.

For Sale: C AC with loader \$700, runs good Samll meat slicer with motor, \$20. Lanc. Co. 717-687-6321

For Sale: Calumet 3250 liquid manure spreader on L190 Int. tandem 5+3 trans., like new, Tioga Co. 717-353-6491.

For Sale: Arps 3 pt. hookup snowblower, and JD 12 ft. cultipacker, 215-286-5393 Berks Co.

For Sale: IH 1050 grinder mixer w/13" unloading auger and bagger aluminum awning and porch posts, 717-263-2393 or 263-0080 Franklin Co.

For Sale: 63 Int. Loadstar for parts: small V8 engine, \$150. 5 sp. trans., \$75. Juniata Co. 717-694-3095

For Sale: Cast iron w/porcelain top double sink, wash bowl and new Amish made hickory rocker. Franklin Co 717-263-1820.

For Sale: 400 gallon Esco ice bank milk tank, good cond., Franklin Co 717-263-9567

Wanted: Loudon litter carrier in good cond., Andrew Hertzler, R3, Box 207, Mechanicsville, MD 20659.

For Sale: Glass grinder for auto glass, 9" Snowblower mounting, 717-386-5438 before 7 a.m. or after 8 p.m. Carbon Co

Wanted: Rock picker for a 90 hp tractor, Richard N. Sullivan, Jr., RD1 Aspers, Pa. 17304.

For Sale: 2 acre property, with large 10 year old brick house, barn, and 3 car garage, Lanc. Co. 717-354-9979

For Sale: 7 hp Bollen garden tractor w/snow blower and plow, top cond., \$475. Prizer black cast-iron cook stove, Berks Co. 215-777-4579.

For Sale: Golden Sexlink yearling hens, Lanc Co. 717-464-2408.

For Sale: 5 K.W. Onaw generator, 1800 rpm, 2 cyl. motor + 110 volts - 220 volts or 3 phase, 6 1/2" snow plow, 717-626-4266

For Sale: Feed easy vertical shaft manure pump, new 717-665-2962.

For Sale: 60,000 BTU, white, LP gas heater \$200, 7 farrowing crates w/waterers & feeders \$20 ea., Lanc. Co. 717-733-4714.

MAILBOX MARKET

For Sale: 2 General, L 78x15 belted snow tires \$110 4 ten hole polished alum wheels for Ford pickup \$100 York Co 717-938-4222

For Sale: Partial sheets of formica, assorted sizes and colors. Call after 6 717-626-2868 Lanc Co

For Sale: 4 wheel for 73 Vega, 3 w/tires \$10 each. 2 wheels Plymouth Fury III Cecil Co. 301-658-6975

For Sale: New Holland Silage cutter w/lo-track feeder, used very little always kept in side, like new cond., Berks Co 215-944-9276.

For Sale: Birds - hand tamed parakeets \$10 all colors Canaries \$10 to \$40 all colors, crested available. Cecil Co. Md. 301-658-6634

For Sale: Female Golden Retriever, AKC pup, shots, wormed. Two horse trailer, new PA inspection, 4 wheel brakes, Chester 215-932-5289.

Wanted: Good used New Holland grinder mixer, Lanc. Co. 717-656-2235.

For Sale: Black walnut kernels, Lanc. Co. 717-653-4968.

Wanted: Hyd. front end loader to fit Ferguson TO-35. Antique farm and construction equipment manuals and sales literature. Salem Co 609-358-7468.

For Sale: Int. TD6, 62 series, crawler, good cond., Lanc Co. 717-354-9744.

Wanted: Maytag engines, any cond., W12 owners manual. Ben J. Kinsinger, RD1 Box 234A Meyerdsale, PA 15552.

Wanted: Good used market wagon, must be in good cond., Give price Aaron K. King, R2, Parkesburg, Pa. 19365.

Wanted: Smidley 16 hole hog self-feeder. Used axle for JD 440 crawler, Berks Co. 215-682-6094 after 7 p.m.

For Sale: Border collie pups, 7 week old \$25. New Idea 218 manure spreader, tandem axle, Berks Co. 215-987-6403.

Wanted to Trade: New Simco P.R.C.A. roping saddle outfit over \$1200. Value on Holstein springing heifer, 717-658-7330 Snyder Co

For Sale: Young man is willing to drive your car to Florida. Dec 18 or 19. 717-354-9836.

For Sale: 440 gal. Esco bulk tank with compressor and calibration chart, Excellent cond. Lyc. Co. 717-546-6546.

For Sale: Full vision tractor cab, IHC 650, 2 row harvester and pickup head, 717-532-8236 Franklin Co.

For Sale: 8 ft. by 20 ft. tandem axle trailer, electric brakes, inspected, new lining. 717-653-5966 Lanc Co.

For Sale: 10 Angus steers, 550-750 lbs mostly M's couple L's wormed shots warbexed, Larry Copeland, Kirkwood NY 607-775-3383.

Wanted: Complete line of shoe repair equipment, 717-354-7294 Lanc. Co.

For Sale: 18 feeder pigs, 2 way cross \$35 each. 717-362-3149.

For Sale: 79 Chev. Diesel C10 pick-up. 26,000 miles, custom Delux cab. P.S., P.B., A.T., \$4500. 717-238-4503. Dauphin Co

Wanted: Power steering pump and mount for Ford truck with 401, 477 or 534 engine. Lycoming Co. 717-998-2260.

For Sale: Ringneck pheasant's live \$10 pr. dressed \$5 each. 15K Generator on trailer, Dauphin Co. 717-944-1007.

For Sale: Oak fence posts, sawed 4"x4" x 7 ft. retail \$2.50 wholesale \$2. rough cut pine air dried Schuylkill Co 717-648-6169 or 717-276-1542.

MAILBOX MARKET

For Sale: Hesston #10 hay stacker, \$3250, good cond. 301 692 5224 Harford Co, Md

For Sale: Century welder 260 amp, 350 amp cutting tap Nice shape, also JD stalk shredder, York Co. 717-235-4026

For Sale: Tasco confinement building with 4 farrowing crates - reasonable. NH power corn sheller, belt or PTO 717-437-2698 Columbia Co.

Wanted: Power steering unit, complete, to fit 1977 G.M.C. truck 6000 series. Lyc Co 717-546-5605

For Sale: 1000 gallon Underground steel fuel storage tank, new 4" diameter, 10'8" long. Lanc. 717-786-3746 after 5:30 p.m.

For Sale: Injection Pump for IH TD6 or MD or 400 first \$300. Sullivan Co. 717-924-3847.

For Sale: 7 1-yr. old Holstein heifers priced very reasonable, 717-464-2233 Lanc. Co.

For Sale: Steel wheels for a skid steer loader \$85. Elam S. Nolt, RD1 East Earl, Pa. 17519.

For Sale: Fox Hound Puppies, Penn Mary Dels. 6 mos. old, well bred, all shots, \$50. Montgomery Co 215-822-3368.

For Sale: Great Pyrenees Dog Trained to protect sheep Penn State Ag Arena benefit sale 7:30 p.m. December 11. 717-563-2589.

Wanted: 1964 Sport Fury Plymouth, 15" front wheel rim, 914-357-7735.

For Sale: 22' ft. x 70' ft. Ribstone conc. stave silo with 22 ft. Badger Power Trac silo unloader, 717-266-2867 York Co.

Wanted: Automobile books, manuals, sales literature. Also Model A parts, please contact Don Fehr, Box 872, Northfield, NJ 08225 609-641-5910

For Sale: Tobacco Thermometer - 8"x38", best offer. Two 9 ft overhead wooden garage doors \$25 pair. York Co 717-235-2380.

For Sale: Hog feeder. Smedley twelve hole, very good, \$125. 717-426-1395.

For Sale: 10' Disc Harrow w/lift wheels, \$1000. JD corn sheller, PTO on wheels, \$500. Berks Co. 215-488-6501 or 488-1865.

For Sale: 1977 Ford Courier, auto trans., many options, 38,000 miles, like new condition, includes custom grill. 215-536-5825 for information

For Sale: 10 sets of work harness, 12 pr. hames, 10 bridles, double set harness, single harness 717-428-1686.

For Sale: Wild turkeys - this year's poult for stocking or eating, 717-464-2506 Lanc Co.

For Sale: 10 ft transport Oliver disc, needs repair. Jacob K. Lantz, R1 Box 653, Honey Brook, PA 19344.

For Sale: Overhead gas heater, 100,000 BTU, like new \$375. 215-367-2169.

For Sale: Esco Bulk Tank, 2 hp compressor 650 gal \$500. 11' snow plow w/A-frame \$300. 302-834-3122 New Castle Co. DE

For Sale: 1 Hereford & 4 Charolais cows, 6 Charolais Hereford Heifers bred to Hereford bull, 717-899-6893 Mifflin Co

For Sale: Canaries, opportunity to breed canaries in spring, 12 young healthy canaries, red factors included \$150. Chester Co. 215-932-5797.

For Sale: 40' trailer for storage, good cond., \$950. Berks Co. Robert McGowan, R1 Birdsboro, Pa. 19508.

Wanted: Good size used wood stove for shop in working condition, 215-678-8686 after 6 p.m. Berks Co.

MAILBOX MARKET

For Sale: New Idea No 10 A manure spreader with brake on it for three horses on steel wheels, in good shape, 717-354-0616.

For Sale: 500 locust posts 7 1/2 ft. Tapered, creosoted, sawed and rounds, \$2 to \$5 each Hart Co, Md 301-838-6980

Wanted: Loudon lever-type stanchions for repairs, 717-532-5923 Franklin Co.

For Sale: 3 new infra-red gas heaters for pigs or poultry, Jonas L. Zook, R2, Box 320D Myerstown, Pa 17067.

For Sale: Cobbler and katchdin potatoes. Good quality, 50 lb. bag \$3.75 717-354-8894 Lanc. Co.

Wanted: Standard straight front axle for 1520 JD will trade for swept-back. Also rear wheel weights Lanc. Co 717-354-5060.

Wanted: Metal or pole building, 40 ft. x 40 ft. or 50 ft. x 50 ft. Will tear down and remove. York Co. 717-764-2575

For Sale: Rare old majestic cook stove, good cond., roller bearing top buggy, new wheels, Lanc Co 717-733-0630

For Sale: 1971 Dodge 1 ton dual wheel, slant 6 eng. 10' freight body, with lifting boom in body. Sac \$1,500 609-629-6596.

For Sale: Firestone 13 6x38 rear tractor tires, mounted on wheels 90% tread, very good cond., Lanc Co. 717-665-7155.

For Sale: Patz 400, heavy duty series, feeder any length up to 126 ft. Franklin Co 717-328-3407.

For Sale: 2 hole Pride of the Farm hog waterer, model WL3 \$75 717-354-9916 Lanc. Co

For Sale: Nice 4 yr old Saddlebred stud, green broke, stands 16.1, \$1200. Isaac S. Zook, South of Intercourse.

For Sale: Rossignol skis with binders and ski boots, \$35 717-354-9127.

Wanted: AC D10 or D12 tractor, 717-665-5727 Lanc. Co.

For Sale: NH 357 grinder mixer, good cond. - 2 Bodmin claws and lids, like new, 717-726-6847 Clinton Co.

Wanted: 2x8 or 10x16', 2x4x14, 2x6x6 or larger. For Sale: 9N Ford \$1150 Hershey 717-534-1253.

For Sale: Mascot wood boiler, new \$900. 2-8' truck utility boxes, good cond., \$50 for pr. York Co 717-456-5771.

For Sale: 100 ft. snow fence. Stephen S. Stoltzfus, Christiana, R1 S Vintage Rd., Pa

For Sale: Kingpin Son born 12-14-80 from dam records to 23,844-1091, 5 records, Juniata Co Call before 5 p.m. 717-463-2483.

For Sale: Tobacco press, pair of tractor chains, (size 12-28) 717-367-4454 Lanc. Co.

For Sale: NH #66 Baler with Wisconsin engine, good cond., Berks Co 215-756-6913 after 5.

For Sale: Year and half old, Leghorn hens, (decalf) 50 cents each, must be out Dec. 15. Mifflin Co. 717-935-2675.

Wanted: Used chain type barn cleaner in usable condition, 717-324-3075.

For Sale: Reg. Suffolk ewe lamb, good breeding background. Berks Co. Call after 6 p.m. 215-926-2118.

For Sale: Ford 861 loader & backhoe, new tires, good cond., \$3500 firm, certified check only, 215-982-5116.

For Sale: 1537 Case skid loader - w/bucket and manure fork \$2300, 960 Ford tractor w/3 pt. live pto, Berks Co. 215-944-7529.

MAILBOX MARKET

Four horse Gooseneck trailer 4 dressing room tinted windows, drop ramp, fully enclosed Like new, Perry Co evenings 717-582-8343

For Sale: 50,000 Btu's gas heater, horse drawn equipment, work harness Used bicycles & parts Trucking available, Dauphin Co. 717-362-9842

For Sale: Newfoundland and Great Pyrenees mixed pups, 8 weeks old, Parvo shots, wormed, both parents, registered, 717-838-6454 Dauphin Co

For Sale: 2 bulls, Pete out of 89 pt. double Performer CI #1091 lifetime 177,700 814-684-1508 Blair Co

For Sale: 2 matching corner cupboards, 9' tall, \$650 bair, 2 jelly cupboards, 8' \$300 each, Chester Co. 215-274-8019.

For Sale: Two 403 combines corn and grain included best offer in two weeks, 301-387-5486.

For Sale: Angus bull, 6 month old, well grown, \$280. Berks Co. 215-693-5624

For Sale: Pair of Walker Foxhounds, 3 yrs. old, well trained. Balto. Co 301-592-7705.

Wanted: Engine block for JD A or 60, part number A4320R. Cambria Co. 814-674-8714 before 6:30 a.m. or after 5 p.m

Wanted: Slow speed generator AC 110V, 2000 to 3000 watt, Dauphin Co 717-599-5068.

MAILBOX MARKET

For Sale: 160' Patz Model 400 Heavy Duty Bunk Feeder Chester Co 215-948-4177 or 3484

For Sale: WD45 Allis Chalmers tractor, gas, good cond., Lanc. Co 717-548-3333.

For Sale: Some Registered Holsteins due January & February breed to Sire Power bulls, Susquehanna Co 717-727-2274.

For Sale: Koehn Universal tractor cab, Schuylkill Co 717-647-9492

Wanted: AC D17 Diesel Engine Block or complete engine, Perry Co 717-582-8171.

For Sale: 27' snowblades, \$50/each, #33 NH 5' flail chopper \$300, 2 ton stationery mixer \$300 717-677-8789, Adams Co

Wanted: Firewood would like to cut wood in shares you supply wood we will cut Lanc. after 5 717-354-6046.

For Sale: Black general purpose mare, 11. well trained, guaranteed bred, due March Marcus Stauffer, RD1 Port Trevorton, Pa

For Sale: Good market wagon, needs paint Lanc Co 717-656-7273.

For Sale: Reg Holstein bull born 8-18-80, Sire Westmoreland Brigadier dam, 4.3 test Tioga Co. 814-326-4341

For Sale: 6 yr old Standard bred carriage horse \$700 Amos S Smucker, New Holland, RD#3, Box 70, 17557.



**Lancaster Farming
Subscription
Service**

CHANGE OF ADDRESS?

Please give us 3 weeks advance notice. Attach label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

Entering a NEW Subscription?

Check the proper box and fill in your name and address. Attach your check, \$7.50 per year or \$13.00 for two years in PA, MD, DE, NJ, NY, VA and WV. (All other areas - \$12.00 per year, \$20.00 for two years.) Payment must accompany order. Form is

For every foxtail you see this fall you could see 3150 next spring.

The 2 to 4 weeks longer control of Dual helps prevent harvest-time grasses.

Ever count the number of seeds in a foxtail? A single plant can produce 3500 a year. And since up to 90% can germinate, you could see 3150 new foxtails in the spring for every one you see now. Not a very encouraging number, but there is a solution: Switch to Dual® next spring.

Dual lasts 2 to 4 weeks longer than other corn-soybean herbicides. So you get extra weeks of control on foxtails, fall panicum, yellow nutsedge and other grasses. And you end up with cleaner corn and soybeans at harvest.

We can show you test results that prove Dual lasts longer, but the best proof is down the road in a neighbor's field. Why not ask him why he's using Dual again? After all, the man who has used Dual is our best salesman.

Dual, for control that lasts 2 to 4 weeks longer.

**Dual
6 ways better.**

©1981 Ciba-Geigy Corporation



CIBA-GEIGY

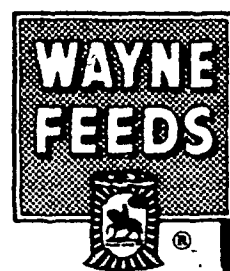
Stop trouble before it starts with. Waynextra A•D•E•K



During periods of convalescence or low feed intake, your animals may suffer from vitamin deficiencies.

Waynextra ADEK provides extra levels of Vitamins A, D, E, and K when your animals need them most.

Waynextra ADEK is recommended for swine, beef, dairy, and poultry. Get the high-potency concentrate Waynextra ADEK to give your animals those extra vitamins.



Continental Grain Co.
Chicago, IL 60606

PARTICIPATING DEALERS

TWENTY-TWO FEED MILL

Lenhartsville, PA 19534 215-756-6375

WALKER CO.

Gap, PA 717-442-4169

ANDERSON BROS.

New Park, PA 17352 717-382-4472

VAN - MAR FEEDS, INC.

West on Miller St.
Shoemakersville, PA 215-926-2121

MANOR FARM SERVICE

RD 2, Lancaster, PA 717-872-4613

W. L. MUMMERT CO.

High & Pine Streets
Hanover, PA 17331 717-637-6923

BATZ FEED & SUPPLY

R1, Richland, PA 17087 717-933-8168

BRANDT'S MILL

830 Maple Street
Lebanon, PA 17042 717-272-6781

WHITE OAK MILL

R5, Manheim, PA 17545 717-665-2288

JAMES BALMER

Wholesale Specialty Feed Distributor
Manheim, PA 717-665-2011

DUTCHMAN FEED MILL, INC.

R1, Stevens, PA 717-733-3020

MOYER & SON, INC.

113 E. Reliance Road
Souderton, PA 18964 215-723-6001

POWL'S FEED SERVICE

Peach Bottom, PA 717-548-2376

NOLTS MILL

Witmer, PA 17585 717-393-1369

Farm Business News

Angstadt gets fertilizer post

DALLAS, TX — William E. Angstadt II, Vice President of Reading Bone Fertilizer Company, has been elected to the Board of Directors of the National Fertilizer Solutions Association (NFSA) during its 27th Annual Convention held in Dallas.

Angstadt, a resident of Shillington, was elevated to the Board because of his involvement with the fluid fertilizer industry and dedication to the objectives and policies of the NFSA.

The National Fertilizer Solutions Association is an organization composed of members dedicated to the advancement of the use of fluid fertilizer. The NFSA represents over 1,700 companies in the United States and 15 other countries. Fluid fertilizers now account for approximately 25 percent of the total fertilizer market.

Angstadt will serve a three-year



W.E. Angstadt II

term and represent the NFSA as a Director at Large. Prior to his elevation to the Board, he worked on the Association's 1981 Round-Up Committee and the Convention Committee in 1980.

Cleaning up confusion over chemicals

DOVER, Del. — Farm publications are full of advertisements for weed control materials that sound like the answer to every farmer's prayers. But when it comes to making selections, farmers need more to go on than the ads, says Delaware extension crops specialist Frank Webb. They need solid information.

Weed control is an area of crop production that is advancing rapidly, says Webb. Scientists are constantly developing new chemicals and new methods of application. There are now chemicals that can be applied before the crop is planted; others that can be applied after planting but before the crop is up; and some that can be applied right over the growing plants, killing the weeds but sparing the crops.

There are weed control chemicals for corn, for soybeans, and for all the other agronomic crops. With such a variety of products on the market, it's no wonder farmers are confused about which one to buy for which purpose, Webb said. And the confusion is increasing now as the ads start appearing for the new products for 1982, he added.

Some of the new products represent real breakthroughs in weed control, says Webb. Others are just old, familiar chemicals under new trade names, or pre-mixed combinations of two well-known products. It pays to know which are which.

The one really new product is called Poast. Manufactured by BASF Company, this product can be used over top of soybeans for excellent control of grasses. Over-top spraying is a relatively new practice made possible by recent advances in chemistry, notes Webb.

Another new name in the marketplace is Bronco, manufactured by Monsanto Company. This is actually a mixture of two existing materials, Roundup plus Lasso. This combination will be cleared for use on corn and soybeans in no-tillage production. While such a product has a place in no-till production, says Webb, it's important that growers realize what they are buying.

Monsanto is also marketing a pre-mixed combination of Lasso plus atrazine.

Last year, Ciba-Geigy released a similar product under the trade name Bicep. Actually a combination of atrazine and Dual, this material is already widely accepted by growers.

Another new name in the marketplace is Gramoxone. This is neither a new product nor even a combination of products, but simply ICI America's new trade name for paraquat.

When you're planning your weed control strategy, it's important to know whether a new product is really new, something familiar, or a combination of familiar

BORDENTOWN, N.J. — A new seed conditioning facility opened at Bordentown, N.J. by Agway Inc.

The \$850,000 facility, located adjacent to Agway's Bordentown feed plant on Route 130, includes the latest seed conditioning and handling equipment and a 10,000 square foot warehouse. The conditioning equipment, installed by Ag Machinery Safety, Inc. of Lafayette, Indiana, is designed for cleaning and conditioning 100,000 bushels of certified soybeans and approximately 100,000 bushels of wheat and barley seed annually.

The new facility, built by Agway Buildings Department, will enable Agway's seed division to expand its soybean and cereal grain certified seed program to farmers in New Jersey, Delaware, Maryland, and parts of southeastern Pennsylvania. The facility will serve approximately 50 Agway stores and representatives with complete seed needs, including distribution of turf grasses, alfalfa, clover, and forage seeds and hybrid seed corn.

The certified seed will be produced under contract by farmers in New Jersey, Delaware, and Maryland. Its central location provides an adequate supply of high quality, locally adapted seed varieties.

Nine full-time and part-time employees will operate the facility. Seed valued at approximately \$1.3 million will be conditioned at Bordentown.

Research plots to evaluate new soybean varieties suited to the area are under development by Agway on cooperating farms. Soybeans, traditionally grown in

Agway opens new seed plant



Phil Alampi, New Jersey's secretary of agriculture, and Fred Hough, Agway director from Augusta, N.J., inspect soybean certified seed conditioned at Agway's new seed conditioning facility at Bordentown, N.J.

the Midwest, have become an important crop in the eastern United States. With new varieties, the crop will become increasingly important in New Jersey, eastern Pennsylvania, and the Delmarva

peninsula.

Many agricultural leaders and farmers were on hand for the December 1 open house, which included exhibits, displays, and educational activities.

Adams Co-op hikes power rates

GETTYSBURG — Adams Electric Cooperative rates will increase on Dec. 15. The announcement was made by Board President V. Kyle Trout, who said that 2.8 mills (\$.0028) will be added to the charges for each kilowatt-hour.

For a member using 1,000 KWHs per month, the net effect is a \$2.80, or 4.6 percent, increase in monthly charges. The percentage is higher for users of more than 1,000 and smaller for those who use less.

This rate change will permit the cooperative to achieve a 30 percent owner equity by the end of 1982. "We set the 30 percent goal in 1976," Trout reported. "At that time, Adams Electric's equity was 14.5 percent and we were strongly urged to improve it." The pressure came from Washington, the source of the co-op's loan funds.

"We wanted to reach the goal by the end of 1983," Trout continued. "We are now at 26.5 percent and, with this rate increase, will be at 30 percent within a year. There are sound reasons for such a move."

Adams Electric's board and management have been monitoring the wholesale price of power. They have been told to expect substantial new increases in each of the next two years. By reaching its equity goal sooner, the co-op expects to cushion the effects

of anticipated power costs.

Adams Electric serves 16,700 members, of which 6,200 are in Adams County, 3,350 are in Cumberland County, 1,350 are in Franklin County, and 5,800 are in York County.

Purina holds dairy meeting

ST. LOUIS, MO. — L.D. Muller and Thomas Sweeney, of Penn State, were among university instructors, researchers and extension specialist who recently exchanged thoughts on dairy research and the dairy industry at a special two-day meeting.

"The conference was an ideal method of broadening the give-and-take between the university community and industry research

efforts," noted Daryle Greene, director of Research and Development, Ralston Purina Company, sponsors of the meeting.

The conference included group discussions and presentations intended to assist all of the researchers in gaining a working knowledge of the various directions being taken in the field of dairy cow nutrition, Greene added.

Used equipment prices up

MINNETONKA, MN. — Prices of used tractors and farm equipment are holding steady or rising despite weak crop and livestock markets and slack sales of new machines.

At least that's the indication from Marshall's Farm Equipment Guide, a twice-yearly publication that reports on used equipment prices and related data. The January 1982 issue of the Guide has just been published.

It shows that prices of popular, late-model tractors and combines are uniformly as high or higher than six months and a year ago. For the last half of 1981, prices

were as much as 11% higher for some machines than in the first half, and as much as 14% higher than a year earlier. The increase appears to be general, across most makes and models of units less than 10 years old. However, many machines built before 1970 are steadily dropping in market value.

It's a reflection of supply-demand conditions in the used market, according to Guide publisher Morris Dorosh. The supply of late-model, popular-make tractors and combines is down largely because fewer have been coming into dealers' lots as trade-ins on new sales. At the same time demand for such models continues strong from farmers who might buy brand-new equipment in more normal times.

By contrast, rebates and financing incentives from manufacturers have probably reduced actual, net prices of new machinery in many cases.

Carnation honors Weir

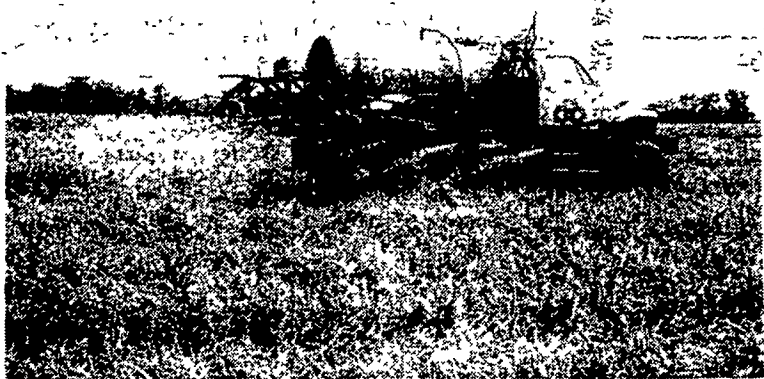
HUGHSON, CA. — Joel K. Weir has been recognized by Carnation Genetics for outstanding service in his capacity as District Sales Manager. He has been named District Sales Manager Of the Month.

A Penn State graduate in animal industry, Weir supervises direct herd sales and distributors in

Southeast Pennsylvania and Eastern Maryland.

He first joined Carnation Company in 1976 as a district sales manager in the Milling Division. His appointment in the same capacity with the Genetics Division was made in 1979.

Weir makes his home in Mount Joy.



Check out those chemical weed control products before buying, advises Frank Webb, Delaware Extension crops specialist.

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

The following categories are available for your classified advertising

- ☐ Farm Equipment
- ☐ Silos & Unloaders
- ☐ Buildings & Supplies
- ☐ Grain Equipment
- ☐ Dairy Equipment
- ☐ Livestock Equipment & Supplies
- ☐ Cattle
- ☐ Horses & Mules
- ☐ Sheep & Goats
- ☐ Swine
- ☐ Artificial Breeding
- ☐ Hog Equipment & Supplies
- ☐ Poultry & Supplies
- ☐ Feed & Seed
- ☐ Fertilizer
- ☐ Plants
- ☐ Fruits & Vegetables
- ☐ Nursery
- ☐ Lawn & Garden
- ☐ Services Offered
- ☐ Custom Work
- ☐ Help Wanted
- ☐ Situations Wanted
- ☐ Business Opportunity
- ☐ Trucks & Trailers
- ☐ Autos
- ☐ Recreational Vehicles
- ☐ Notice
- ☐ Lost
- ☐ Found
- ☐ Pets
- ☐ Household
- ☐ Miscellaneous
- ☐ Real Estate

LOCAL CLASSIFIED ADVERTISING RATES

16c per word
2.00 minimum charge
Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
12 or Less	2.00	4.80
13	2.08	4.99
14	2.24	5.38
15	2.40	5.76
16	2.56	6.14
17	2.72	6.53
18	2.88	6.91
19	3.04	7.30
20	3.20	7.68

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional.
Ads running 3 or more consecutive times with no change billed at 20 percent discount.
Deadline: Thursday morning at 9 of each week's publication.
Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

FARM EQUIPMENT

NH 890 harvester, long tongue, electric controls, 2 row narrow corn head, pick-up head, new knives, good cond. JD 125 chockwagon, 3 beaters. 814-793-2339

1972 Ford 620 combine cab, power steering, floating grain head, corn head, \$60 bushel tank. Good condition 4,000 or will trade toward 60-80 hp tractor. in Blairstown, NJ 201-746-3321

For Sale - M&W Robot head, 14' smoker corn drag, Bedford County, 814-735-3293.

IH 1086 tractor, cab, air, heater, radio. 200 hrs. Discontinuing farming. 717-776-7724



FARM EQUIPMENT

MF 550 combine, 43 corn head, 13' grain head. Many extras. Like new. 814-684-3057

JD 2020 gas \$4,450. Antietam Ford Tractor. 301-791-1200.

JD 1020 gas w/ or without 143 loader, very good condition, 2500 hours. JD 4020 diesel w/enclosure 814-793-2339

IH 414 gas w/2000 loader \$2,800. AC Combine C2 \$2,500. MF 1150 tractor needs motor work \$5,000. 215-598-7546 or 598-7357.

Dion forage wagon, 3 beater w/roof on. 16' wagon, 12 ton running gear. Used 1 season. Like new. NH forage blower. 717-933-4893.

1974 Oliver 2255 tractor for sale. 4 WD, Cat engine, 1550 hrs. Bucks Co. 215-343-2444.

M-C chopper with V-M diesel. Used one season on steel. A-1 condition. \$5200. 717-382-4454

FARM EQUIPMENT

For Sale - Farmall H \$900. Best to call before 7 A.M. Berks Co. 215-683-7230

Wanted - Roller mill for HM shelled corn. 215-942-2591.

For Sale - Winpower PTO generator, 25,000-45,000, 12' utility elevator. Somerset Co. 814-634-5480

Model FW 60 Ford 4 wheel drive tractor w/350 HP engine, 20 speed trans., PTO, 3 pt. hitch, 6 way angle bulldozer blade, 1000 hours. Two 4400 JD combines, diesel engines, floating grain tables, one has 300 hours, other has 600 hours. 1976 double J Horse trailer. All the above equipment is in just like new cond. New V8 Cummins engine, never been used. IH N MF suitcase front end weights. Model TW10 Ford Tractor 800 hrs, 12 roll MF Cultivator. 301-648-5442

FARM EQUIPMENT

1974 Case tractor model 1175, no cab, very good cond., 2000 hours, can deliver \$9,500. 804-633-9008.

JD 40 spreader w/tailgate, nice condition. \$1350. 717-354-8859.

Custom Bilt double chain wooden conveyors and tapered board feeders. Also flat and hay rack wagons. SAMUEL K. STOLTZFUS, 550 Beechdale Road, Bird-in-Hand, RD #1, Pa

4010 diesel JD, wide front end, roll bar and canopy, front end weights, 2 remote outlets, 4020 kit in engine, 18.4-38 tires w/IH harvester #550 5-16" plow, \$9,800. Cambria Co., Ebsenburg 814-472-8554

Wide front for JD tractor 301-876-1956

For Sale - 1976 1210 Case diesel, 65 hp. \$7500. Financing available 717-866-7093 Lebanon Co.

For Sale - JD 420 w/wide front. AC D17, wide front Farmall 450, 400, 300, H & C NH 56 rake, NH 268 baler, all field ready 215-562-4464

IH 706 Gas 3 pt. new rubber, JD 494A corn planter, Brillion 4 Row high speed tool Bar cultivator, MF 7' 3 pt. scraper blade, power angle snow plow for Ford pick-up. All this equipment in very good cond. Make offer. York County. 717-993-6505.

JD 1010 tractor w/cultivators and mower, exc. cond. 301-876-1956

For Sale - Snow blower 4 1/2' wide for IH Cub, like new \$200. Phone 215-488-7383 Berks County.

JD 2010, good cond. 301-876-1956

For Sale - NH model 256 rake; also, NH model 472 haybine, both brand new, priced to sell. 717-532-7054

For Sale - White 2-35 with loader and 2 buckets, like new, also White 2 bottom plow, Imco 6' disc, 3 pt. hitch, NH sickle bar mower, 3 pt. hitch. 215-857-3744.

JD enclosure 2510 up to 4320. JD 40 spreader upper beater. JD 660 spreader upper beater. 717-463-3511 or 436-2235.

Combine - Oliver 545 14' grain head. 609-451-7463

One four row John Deere 1240 plateless corn planter with fiberglass maxi-merge fertilizer hoppers. Melvin Stoltzfus, Hegins, RD1, Pa. 17938 Schuylkill Co.

Wanted to buy Used Brillion packer/seeder, any cond. 717-687-6553 or 687-8021.

For Sale - Good used bedding chopper, one year old. Also clean straw for sale. Lancaster Co. 717-464-4945.

For Sale - MF 165 diesel, high clearance. Multipower 1540 original hours. \$4,000. Best to call before 7 A.M. Berks Co. 215-683-7230

For Sale - Brand new 8 hp Kohler engines, electric start, \$325; 1980 Eager Beaver equipment trailer, 4 ton capacity with electric brakes, \$2100. Also Farmall cub, Fore 9N, Farmall 'A', all with attachments. Call Bruce. 609-358-7468

912 Deutz Diesel used 600 hours, reason for selling, going out of business. 717-483-6629 or see at Kanagy's Machinery Repair, Allensville, Pa.

MF 184-4 62hp, 4 wh. drive, 400 hours, \$16,800. Antietam Ford Tractor. 301-791-1200.

FARM EQUIPMENT

JD 4320, cab, 3000 hours, 20-8 38 tires, 1116 front tires, good cond. 814-793-2339.

Dyna-soar self-propelled aerial lift platform, \$1600 717-762-6592.

For Sale - JD chisel plow, 10' or 8' high clearance, \$1000, MC flail chopper, good condition, \$1400 Berks Co. 215-488-6501 or 215-488-1865

Will buy & sell all types of horse drawn equipment. 215-593-5754

NI 214 spreader w/2 beater and litter pan, exc cond. 717-949-3074

1974 IHC 966 Tractor, best offer. 201-236-6987

LOADERS

2 Swinger 100 loaders and 2 Swinger 200 loaders for sale. Good condition starting at \$5800 Call 301-582-2264 between 6 & 7 A.M. No Sunday Calls.

For Sale - International 915 combine, 844 cornhead, Farmall M, Dunham 7' cultipacker. Call 717-365-3562

JD diesel tractor model 820, less than 500 hours, bought 1977, including plow, harrow, front end loader, seeder, wheel weights. \$7,000. 215-539-6541 or 215-272-1933

Woods belly-mount mower fits 8N or 9N Ford. Exc. condition. \$200 or best offer 717-684-0661

Nelson diesel 4 wheel drive loader w/cab \$4500.

DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

NH 355 grinder-mixer, excellent condition. 717-653-5020

Wanted - 2 row potato digger with good web. 717-949-3590 Lebanon Co.

New steel plow sheers, moldboards, land sides, shins trash covers, 4 left and right plows. 1/2 price. 215-286-5434.

For Sale - 8' Case disc harrow \$90. 717-872-5841

1080 MF tractor on steel wheels, 3400 original hours. Dual hydraulic. Good Shape. \$5500. 717-423-6722

International Harvester 424 tractor for sale. Good condition. 1,400 hours; power steering; good rubber. \$4200. 717-665-7386

For Sale - Oliver 1750 diesel WFE over/direct drive, power steering, 2600 hrs. Many new parts in engine, engine guaranteed, tractor in excellent condition. \$8500 or best offer. 717-385-1908 or 717-933-4444.

For Sale - Niemeyer Power Harrow model J.E. 350, excellent condition, once over fitting tool. \$4,250. 315-784-5563.

AC G w/cultivators and hoers, 2 row corn planter, plus more equipment. All in good cond. 717-367-4846

Wanted - Old fashioned 1 row potato plow. 215-287-7878.

NI manure spreader model 244. Used very little 717-375-2274.

Starline silage unloader for 18' diameter silo. Best offer. 215-679-2848 Lehigh Co.

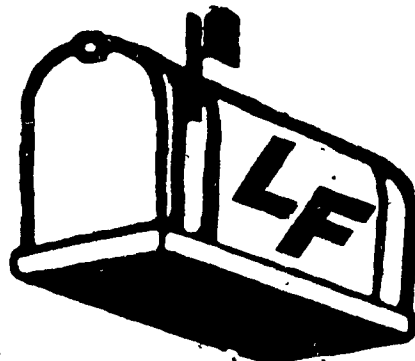
For Sale - J.D. 7000 corn planter 25-KW Winco Generator 3-point wood splitter, 3 point Woodman Cordwood saw 400-Amps Meter-Rite breaker box for center pole to connect generator. 717-966-0145.

JD #220 Centerfold disc, 18' spring cushions \$3500. Parksburg. 215-857-3460 or 717-263-4956.

Wanted - Indian motor-cycles or parts made before 1953. Scott L. Loughead, 407 N. Five Point Road West Chester, PA 19380.

HANDY CLASSIFIED AD ORDER BLANK

IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY



Please publish my _____ word ad _____ times
(Number of Words) (Number of Times)

starting with the _____ issue. Classify under _____

I enclose _____

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 16¢ Per Word, \$2.00 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions on last page of classified ads.

1	2	3	4
5	6	7	8
9	10	11	12-\$2.00
13-\$2.08	14-\$2.24	15-\$2.40	16-\$2.56
17-\$2.72	18-\$2.88	19-\$3.04	20-\$3.20
21-\$3.36	22-\$3.52	23-\$3.68	24-\$3.84
25-\$4.00	26-\$4.16	27-\$4.32	28-\$4.48
29-\$4.64	30-\$4.80	31-\$4.96	32-\$5.12
33-\$5.28	34-\$5.44	35-\$5.60	36-\$5.76
37-\$5.92	38-\$6.08	39-\$6.24	40-\$6.40

FARM EQUIPMENT

D6 Cat hydraulic dozer 10' angle blade, rebuilt engine, new paint, brakes, tracks and seat Electric start. 717-548-2291 after 5 P.M.

1980 MF grain and bean combine header w/15ft floating cutterbar and automatic height control, like new cond. Parksburg 215-857-3460 or 717-263-4956

For Sale - 970 Case with automatic reset plow 5-X very good condition. Call 717-933-4360

JD 1010 crawler with angle blade, 290 original hours. \$3800 301-829-0271

Wanted - Ford tractor model 2000 or 2600 Must be clean. 914-651-7562

JD 4000 gas - weights Good condition. JD 730 gas, needs work, JD 320 excellent. Will trade 717-334-6416

For Sale - JD 3010 real good running condition. \$4800. Cumberland Co. 717-776-6143.

For Sale - Myers snow plow, never used. 215-HU5-3919 after 6.

IH 56 4 row corn planter with Gandy attachment Field ready. Perry County. 717-567-6266.

Unisystem 705 power unit plus attachments, call for details. IH hydro 100 w/dual. IH 13' 8" packer/mulcher. Oliver 242 18' disc. (2) IH 4 row corn planters #56. NH #28 forage blower NH #345 grinder/mixer. Oliver 5 bottom 16" semi-mounted plow. 814-472-6752.

For Sale - 4020 diesel tractor. WFE 717-549-6001 after 8 P.M.

One Used Patz liquidator (manure pump). 25 feet long with a 5 hp motor. Used only two years, very good condition. \$2500. Centre County. Phone. 814-355-5941 or 814-355-4231

Wanted: Used electric meat band saw. Call after 5:00 P.M. 717-867-2738

For Sale - JD 24T baler with JD 2 ejector. Excellent \$1000. Call 717-761-0651 after 8 PM

For Sale - Straw spreader for 6600 JD combine and 1 for 477 combine 609-298-3342

JD 148 loader w/controls, brackets for 3020 or 4020 Like new. \$1600 717-354-8859

CORN FODDER EQUIPMENT FOR SALE

MC5 Corn Chopper NH 56 & 55 Hay Rakes NH 15 wheel rake, like new Farmhand 5 wheel rake NH 30' Elevator NH 268 Baler 717-687-6553 or 717-687-8021

International 706 German diesel, 3 pt., wide front end. Call 814-793-4293.

Largest selection of ERTL Toys at Wenger's We trade your toys in Also new pedal tractors We trade yours in. 717-866-2130

ANTIQUE TRACTOR BOOKS! MAKE IDEAL GIFTS! NEW! Titles Just released! "FARM TRACTORS 1950-1975" Covers tractor design, performance, turbocharging, transmissions, comfort, etc. 415 photos. 176 pages. \$15.95 "THE AGRICULTURAL TRACTOR 1855-1950" 300 Photos, Specifications, Component drawings, and Mechanical features. 160 pages. \$13.95 "FARM TRACTORS IN COLOR" 80-years tractor history 118 true color photos, 183 Pages. Hardcover \$11.95 SPECIAL! Complete collectors library all 3-Above books \$38.95 Postpaid. "THE ENCYCLOPEDIA OF AMERICAN FARM TRACTORS" Covers tractors from 1890's to 1979. 1500 photos, 352 large pages, full descriptions. Hard Leatherette Cover \$26.95.

"150 YEARS OF INTERNATIONAL HARVESTER" Covers TRACTORS and all EQUIPMENT. 416 large pages, 2000 photos. Hard Leatherette Cover \$26.95 Postpaid. Free Circular many more titles. Diamond Farm Book Publishers, Dept. LF Box 537, Alexandria Bay, NY. 13607 (613)-475-1771

Oliver 15' disc harrow w/new 20" discs, model 252, \$1600. 609-769-3183

FARM EQUIPMENT

Next Public Auction at Wenger's is Dec. 14th Consignments welcome 717-866-2135

AC TRACTORS - 180D, D-17G, (2) 45D-G WFE & PS, (2) C-A WFE and Cultivators, (2) D-10's, (2) C, MF 124 and IHC 420 PTO Hay Balers. Lancaster Co 717-733-8708

JD 4020D w/roll guard, Case 1175D, 970C, A, 1030CK, 2x930's CK, 870D 730 CK, 530, 470, Long 900 Will deliver Phone 301-582-1927

For Sale - Rebuilt 471 GM Diesel, electric set 50 KVA 40 KW 1200 RPM for continuous operation, heat recovery wire, switches, meter \$4,800. Aquamagic spool spinner egg cleaner-grader, 6 to 9 cases per hr. A-1 \$1500. 215-445-6061.

Wanted - AC D-10 on D-12 Must have 3-pt hitch and 8 speed trans 301-928-3263 or 928-3111.

MF Super 92 combine equipped for Clover seed or grain Has only done few hundred acres. Lancaster County. 717-529-2723

AC D-19 gas w/4 bottom plow. 4020 JD w/cab, 1750 Oliver diesel. Just overhauled. 301-833-1847

If your old barn cleaner chain didn't last 15 years try Berg outlasting chain, extra heavy paddles, nickel chrome, low price, water bowls, brake rust prove \$23.90. 215-445-5309 Lancaster Co.

Rosenthal 4 roll corn husker on steel wheels, good cond. 717-949-3074

Dayton 90,000 BTU portable kerosene heater, extra nice cond. Ready heater, 90,000 BTU, like new. 717-949-3074

For Sale - Paulk chisel plow, nine teeth with depth wheels. 717-252-2162

Wanted to Buy - Stump Grinder. 703-721-2574.

Gas or Diesel engine repair, Lombardini Diesels, Used Wisconsin engines and parts. Benuei Beller, 242 Pennsy Rd., New Providence, PA.

FARM EQUIPMENT

Crawler Tractor Parts.

New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.

Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders Call or write for equipment & parts brochure

VILSMEIER EQUIPMENT INC. Route 309 Montgomeryville, PA., 18936 Phone. 215-699-3533

Zook elevator, like new, Stephen E. Stoltzfus, 39-C N. Hollander Rd., RD1, Gordonville, PA 17572..

SHULER EQUIPMENT SALES

RD#1 Box 228 Shuler Road Shermansdale, Pa. 17090 717-582-4365 anytime

ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS

Also ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

TRIPLE-R FARM EQUIPMENT

JD 4020 WF side console (SOLD)

IH 1456 dual 18.4x38 tires

JD 70 WF PS Case 830 D (SOLD)

Amco 20' wing disc, new 22" blades

IH 5 btm. 14" semi-mtd. plow

JD rear weights IH front & rear weights No Reasonable Offers Refused 717-786-2534

FARM EQUIPMENT

2520 JD, wide front, exc. shape. 814-793-4293

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013.

ATTENTION!

Windmills with air compressors Use to pump water with air or run power tools-Does not stand over well-place as far away as 1/4 mile. Automatically turns out in high winds. Meets federal tax credit requirements, save hundreds of dollars annually. 3 sizes, 1 to 3 plus CFM. \$800-1500.

Hoover Pump Works

RD 2 Pashing Weeg Ephrata, PA 17522 717-733-0630

Prices does not include tower installation or freight



THIS MONTH'S NEW MACHINE SPECIALS

JOHN DEERE 4040 TRACTOR

Quad Range w/Cab List \$35,238

SPECIAL \$28,900

JOHN DEERE 950

12' Roller Harrow List \$5,025

SPECIAL \$4600

450 Spreader

240 Loader

260 Loader

4B 2700 Plow

22A Sub Soiler

51 Post Driver

USED TRACTORS

JD 2240 w/146 Loader \$12,000

JD 2020 w/47 Loader \$8,500

IHC 574 w/2000 Series Loader \$8,000

Finance waiver available on all "After Season" Equipment

SMITH IMPLEMENTS, INC.

Mercersburg, Pa. 17236

717-328-2244



USED EQUIPMENT

MF 510 Diesel Combine w/MF 44 Cornhead

Farmall Super C

JD "A" Tractor

MF 35 Tractor

MF 1105 Tractor

MF 1130 Tractor

JD TO 100 Disc

Grain Drills

Oliver 3241 Plow

MF 74 Plow

JD "A" 0045 Plow

NI 214 Spreader

NEW EQUIPMENT

MF 184-4 Tractor

MF 4880 Tractor

MF 30B Tractor Loader

MF 230 Tractor

MF 2675 Tractor

MF 1050 Grinder Mixer

MF 860 Combine

MF 880 Plow

NI 323 Pickers

NI Manure Spreaders

Bearcat For. Harvester

N.H. FLICKER & SONS, INC.

Box 68

Maxatawny, PA 19538

215-683-7252

NH 327 Manure Spreader
(2) NH 365 Tank Spreader
NH 518 Spreader
NH 1495 SP Haybine

SHOVER'S

Loysville, PA 717-789-3117

TRACTORS

Ford 5600, Low hrs.

Ford 2600 Gas, PS

Ford 8000 w/dual wheels

Ford 5000 D 8 Speed

Dual Power

Ford 4500 w/Loader & Hoe

Ford 2000 w/blade

Ford NAA 12 Speed

Ford 4500 Loader & 3 pt.

Ford 4400 Loader & 3 pt.

Ford 4000 w/Loader

Ford 801 D PS

Ford 9N w/Loader

Ford 8N w/Blade

IH 666 D WFE

IH 504 G, 3 pt.

IH M w/loader

AC5040

AC160D

ACD17 G

Case 630 w/PS

MF 235 G, PS

MF 135 G Live PTO

MF 135D, 8 speed

MF 65 G, PS

JD 3020 D WFE

JD 730 D 3 pt.

Satoh w/Woods mower

EQUIPMENT

IH 50 Bushel Spreader

Woods C80 Mower

Ford 5x16 Plow

Ford 4x16 Plow

Ford Flail Mower

MC Flail Chopper

NH Flail Chopper

Ford Post Hole Digger

KELLER'S FARM MACHINERY, INC.

116 Richlandtown Pike

Quakertown, PA 18951

215-538-4046

FARM EQUIPMENT

For Sale - N.I. E-Z Flow fert. Spreader; IHC fast hitch 4 bottom 14" plow (new bottoms) 717-687-6553 or 717-687-8021

Farmhand hyd. dump wagons, 5000 lb. capacity. 609-769-3183

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.



USED TRACTORS & EQUIPT. IN STOCK

Massey Ferguson MF2675 w/cab, 100 h.p., 24 speed trans Spl. price cash - \$20,000.00

Deutz D4006, good engine. Dyno test, 48 pto h.p. 2400 hrs. \$4800

1 pair 20.8x38 tires - Goodyear power torque

NEW TRACTORS & EQUIPT. IN STOCK

D6807 Deutz Tractor, 68 h.p.

D6206 Deutz Tractor, 61 h.p.

D5207 Deutz Tractor, 52 h.p.

D4507 Deutz Tractor, 45 h.p.

DX 120 Deutz Tractor, 110 h.p.

DX 120A Deutz tractor, 4WD, 110 h.p.

Custom-built diesel Gen-Sets made to order

New & Used Deutz diesel engines at special prices. Call for details

New Deutz F2L-912 diesel engines 20-32 H.P. electric start.

NEW EQUIPMENT

TRACTORS

JD 650

JD 850

JD 950

JD 2040

JD 2240

JD 2440

JD 2640

JD 2940

JD 4240 w/SG & QR

JD 4440 w/SG & QR

TILLAGE EQUIPMENT

JD 210 11' 5" Disc

JD 215 11' 5" & 12' 10" Discs

JD 950 12' Harrow

JD RM4 cultivator

JD 2800 5B Plow

COMBINES & HEADS

JD 215 Flex Platform

JD 444 Corn Head

JD 6620 Combine

OTHER EQUIPMENT

JD 75, 145, 148, 158, 260 Loader

JD 506 Mower

JD 965, 1065 Wagons

JD 45, 78, Blades

JD 392 Spreaders

JD 34, 40 450 Spreaders

NH 679 Spreaders

NH 14, 230, 234 Wagons

Century 300 & 500 gal. Sprayers

NEW HOLLAND DOUBLE DIVIDEND DAYS NOW IN EFFECT..

JD BONUS BONANZA ON TRACTORS, HAY EQUIPMENT AND DISC HARROWS.



WAIVER OF INTEREST ON MANY ITEMS

I. G. SALES

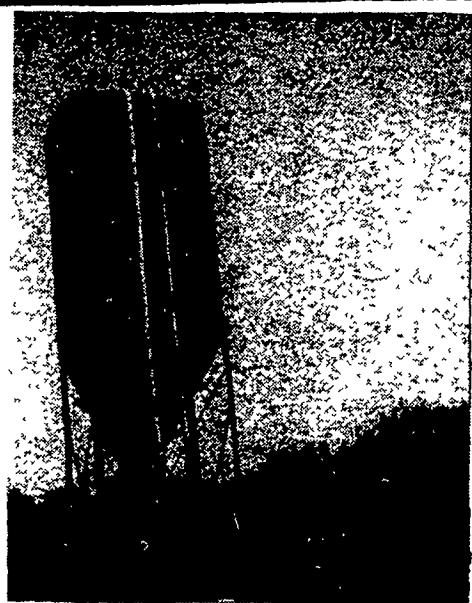
DeLAVAL JAMESWAY

Silverdale, PA 18962

215-257-5135



Quonset Buildings



CUSTOM MADE FEED BINS

- Made of 14 Gauge Steel
- Longer Taper for Easier Flow
- All welded seams which make it water proof and rodent proof
- Can be installed inside or outside building
- Most installations can be made without auger

WILL DELIVER AND INSTALL ANYWHERE FOR FREE ESTIMATE CALL

BETZ'S WELDING SERVICE



Enjoy Films, Food and Friendship

WE WANT YOU

At Farming Frontiers 1982

MONDAY, JANUARY 4th, 1982



**DOOR
PRIZES**

1. John Deere 82G Gas String Trimmer
2. Agway Pickup Truck 8' Cover
3. Case of Agway Truck & Tractor Oil
4. \$75 and \$25 Gift Certificates Toward Purchase of JDM Merchandise

LUNCH: From 11:30 to 1:00

FILMS: 10 AM and 2 PM

SEE: 2940 With Cab & Duracushion Disks

**SAVE
15%**

One Day Only -
January 4th

**CASH DISCOUNT ON ALL JOHN DEERE PARTS
IN STOCK OR ORDERED**

• Stock Order Only • Order Early For Pickup On January 4th

**SAVE
15%**

One Day Only -
January 4th

SAVE 20% JOHN DEERE TRUCKLOAD OIL SALE

Order Early!

Type	List	Sale
TorqGard Supreme 30 - Qt.	\$1.60	\$1.28
TorqGard Supreme 30 - 5 Gal.	\$29.50	\$24.95
TorqGard Supreme 10W20 - Qt.	\$1.60	\$1.28
TorqGard Supreme 10W20 - 5 Gal.	\$31.25	\$26.11
TorqGard Supreme 15W30 - Qt.	\$1.70	\$1.41
TorqGard Supreme 15W30 - 5 Gal.	\$33.00	\$27.50
Hy-Gard Trans Oil - 5 Gal.	\$31.00	\$25.91
Hy-Gard Trans Oil - 30 Gal.	\$184.00	\$153.48
Hy-Gard Trans Oil - 55 Gal.	\$310.00	\$258.71

RENTAL

1981 JOHN DEERE 6620 LEVEL LAND COMBINE

Fully Equipped with 643 Cornhead. Approximately
225 Hours on Tack. Just Like New with Big
Dollar Savings

New List
\$89,000

NOW \$51,900

Interest Waived to 9/1/82

RENTAL

SAVE 12% FARM TIRES - TRUCKLOAD SALE

Order Early - Field Mounting Available

FRONT RIB TIRES:	List w/FET	Sale w/FET
500x15 - 4 ply	\$27.95	\$25.89
600x16 - 6 Ply	\$41.45	\$36.60
750x16 - 6 Ply	\$56.95	\$50.29
IMPLEMENT TIRES:		
95Lx15 - 8 Ply	\$51.45	\$45.79
11Lx15 - 8 Ply	\$57.95	\$51.57
125Lx15 - 8 Ply	\$70.45	\$62.70
AGRI POWER REAR TIRES:		
15.5x38 - 6 Ply	\$267.45	\$238.03
16.9x34 - 6 Ply	\$277.95	\$247.37
16.9x38 - 6 Ply	\$298.45	\$265.62
18.4x34 - 6 Ply	\$327.95	\$291.87
18.4x38 - 8 Ply	\$360.45	\$320.80
SUPER POWER PLUS REAR TIRES:		
20.8x38 - 8 Ply or 10 Ply	\$629.00	\$559.81

**BALER
TWINE**

CASH PRICE

\$20⁴⁵

**BALER
WIRE**

Early Order
Shipment
4/1/82

CASH OR PICKUP
\$34⁶⁵



List
\$1010

JOHN DEERE 1065 A
7 Ton - Adjustable Hitch Pole
15' x 8 LP Wheel
Knocked Down - FOB Shop

SALE
\$675



	Sale Price	Less John Deere Bucks	Your Price
JOHN DEERE 337 WIRE TIE BALER With Ejector	\$10,245	250	\$9,995
JOHN DEERE 327 TWINE TIE BALER With Ejector	\$8,495	250	\$8,245
Waiver of Finance Available To 5/1/82			
JOHN DEERE 115 11'5" DISK HARROW 20"x180" Disk	\$3,670	75	\$3,595
JOHN DEERE 225 13'5" OFFSET DISK HARROW Demo 24"x1/4" Disk			\$5,450
Waiver of Finance Available To 3/1/82			
JOHN DEERE 158 LOADER Complete With 72" Bucket, F.O.B. Shop	SALE PRICE \$2,795		
JOHN DEERE 680 MANURE SPREADER — 300 BU. w/16.5x16.1 10-Ply with gate List 10,789	SALE PRICE \$8,325		
JOHN DEERE 213 13-FT. RIGID PLATFORM FOR COMBINE F.O.B. Shop	SALE PRICE \$4,995		

BUSH HOG EQUIPMENT

SOIL HOG MODEL 1550 CHISEL PLOW w/Cutting Disk - 13'9"	SALE PRICE \$5,900
1437 DISK HARROW 12'6" HD 26"x1/4" Disk Plain	SALE PRICE \$5,695
146 DISK HARROW 12'2" Offset 26"x1/4" Disk Plain 10 1/2 Spacing	SALE PRICE \$6,850
245 DISK HARROW 13'6" Offset 24"x1/4" Disk	SALE PRICE \$6,995

GEHL EQUIPMENT

GEHL 7200 FLAIL CHOPPER 6 Foot	SALE PRICE \$3,850
GEHL 135 GRINDER MIXER All Hydraulic	SALE PRICE \$7,850
GEHL DC 1080 DISC MOWER 6 Ft. - Demo	SALE PRICE \$8,500



CHAPMAN EQUIPMENT CENTER, INC.

Corner of Ruppsville Road & Chapman Road, Wescosville, Pa. 215-398-2553
Open Monday to Friday 8 to 5; Saturday 8 to Noon



Area Codes 215 & 717 Call Toll Free... 800-322-9289
Area Codes 201, 301, 302 & 609 Call Toll Free... 800-523-9323

FARM EQUIPMENT



MACHINES IN STOCK WHICH YOU CAN PURCHASE FOR END-OF-YEAR TAX SAVINGS

USED TRACTORS

JD 4040 90-Hp. PS, 11 Hrs., Like New
JD 50 with Cultivator
JDA, Wide Front
Farmall MD Tri. Front - Good

Ford 9N - Runs Good, Newly Painted

USED EQUIPMENT

JD 148 Ldr. w/84" Bucket, Tractor Hyds., off 4040 JD Demo - \$2,000

JD 4400 Combine, Loaded, Excellent Cond., with All Extras, Choice of Heads - \$18,000

JD 7000 4-Row & 6-Row Planters, Fully Equipped

NH 469 Haybines
2-JD 346 Wire Tie Balers w/Throwers

NH 275 Baler w/Thrower
NH 283T Baler w/Chute

Lilliston, Woods Rotary Cutters
Snowmobiles - Many to choose from

• Full Line of NH & JD Equipment...
Extended Waiver of Interest And Price Protection
Available on Most New Machines!



NEW HOLLAND

KERMIT K. KISTLER, INC.

Rt. 143,
Lynnport, PA 18066
PH: 215-298-2011



USED EQUIPMENT

JD 4320 Tractor
JD 4440 Tractor
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 346W Baler w/kicker
NH 273 baler

JD 485 mower conditioner
NH 469 Haybine 9'

JD FB Drill
JD 3800 Chopper
JD 47 loader

Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT
Grimm Tedders in Stock

H & H Bale Bodies
SPECIAL INVENTORY SALE ON NEW EQUIPMENT

1- JD 111 - 12 Ft. 10 In. Disk - \$2895.00

1- JD 1630 - 11 Ft. Plowing Disk - \$4,540.00

1- JD 2600 PLOW 5-16" - \$4685.00

1- JD 2450 - 7-16" PLOW - \$4,815.00

No Trade-Ins Accepted.

J.S. COVERT & SONS

Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT



New NH TR85
Combine, fully
equipped 13'
Grain Table
\$54,000
Cash

NEW

CASE 2290

TRACTOR

Fully

Equipped

\$30,000

USED EQUIPMENT

JD #16A Flail

Chopper

NH #8 Forage

Wagon

Used Lawn Garden

Tractors

Paul Shover's Inc.

35 E. Willow Street
Carlisle, PA
717-243-2686



JD 4430 Tractor w/cab
JD 4030 Tractor
JD 4020 Tractor P.S.
W.F.

JD 2640 Tractor
w/loader

JD 950 Tractor
Farmall 200 Tractor
w/ftr. Blade & 2B
Plow

IHC 856 Tractor
IHC 806 Tractor

JD 1207 Mower Con-
ditioner

JD 1209 Mower Con-
ditioner

JD 485 Mower Con-
ditioner

JD 237 Corn Picker
NI 2R Pull Type Picker

NI Corn Picker
w/sheller

NI #7 1R Corn Picker
JD 1240 4R Plateless
Corn Planter

JD 1240 Corn Planter
JD 1240 Corn Planter

IHC 56 Corn Planter
w/Liq. Fert.

AC 4R No-Til Planter,
like new

JD RWA Disc
JD BWA Disc

Athens Disc
JD B Plane 15 Disc

Gram Drill
JD 3800 Chopper w/2
row corn hd

JD 34 Chopper w/corn
head

JD 6600 Combine, hyd.
drive w/platform

JD 6600 Combine w/15'
Platform & 443 Corn
Head

JD 6600 Combine w/15'
Platform & 444 Corn
Head

JD 105 Combine
w/platform and corn
head

Woods C114 Rotary
Mower

Woods 120 Offset Rotary
Mower

NH 68 Baler w/ejector
JD 336 Baler w/ejector

JD 214 Baler w/thrower
JD 24T Baler w/ejector

JD 24T Baler w/ejector
NI 279 Cut/ditioner

JD 2800 6B Plow
JD 145 6B Plow

JD 325 3B Plow
JD 1450 5B Plow

JD 950 12' Roller
Harrow

JD 1550 Power Till
Seeder

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252



TRACTORS

IH 340, Fast Hitch
MF 108C
IH Cub w/Blade & Plow,
2 yrs. old
JD MT
White 2-85

COMBINES

JD 45 w/2 heads
(3) JD 444 Corn Heads
1980 JD 6620 Side Hill
w/215 Flexhead & 643
Corn Head

HAY TOOLS

JD 24T Baler
NH 269 Baler
NH 275 Baler
Gehl 600 w/heads
NH 717 Harvester

TILLAGE

JD 2600 5B Spring Reset
Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
Brillion 12' Roller
Harrow
Oliver 12 1/2' Wheel
Harrow
Ford 10' Disc

MISCELLANEOUS

Oliver #5 Picker
Tye No-Till Drill
Ontario 15x7 Hoe Drill
IHC 2000 Loader
JD FBB 15x8 Hoe Drill
JD 7000 Conservation 6R
planter, used 1
season

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone: 717-362-3132

NEW EQUIPMENT

JD 2240 Dsl. w/FWhD
JD 2940 Dsl. w/FWhD
JD 4440 Dsl. w/Duals

JD 30" 3R Corn head
\$4595

JD 30" 2R Corn Head
\$2495

JD 1380 Mower Cond.
\$8995

JD 506 Gyamor Mower
\$700

JD 1440 Planter w/80
units \$4500

JD 78 Rear Blade 7' \$410
JD 2420 SP Windrower
\$23,475

JD 534 Dozer Blade
\$2635

JD 3960 Harvester \$9955
JD 1250 3B 16" Plow
\$1320

JD F950 12' Roller
Harrow \$3950

JD 567 Wheel Rake \$1275
JD 445 Spreader \$4000
JD 450 Spreader \$5645

JD 680 Spreader \$8200
JD 336 Baler w/Kicker
\$6750

JD 235 Disc Harrow
19'11" \$11,800

USED EQUIPMENT
JD 3R 30" Corn Head
\$2895

JD 1R Corn head \$650
Hesston PT10 Mower
Conditioner \$1695

NI 325 picker w/super
sheller \$5995

JD 344 3R 40" Corn
Head \$2495

Woods MC80 mower
\$895

Woods C114 mower
\$1495

JD 24T Baler w/kicker
JD 38 & 3800 Harvesters

JD 4B F125 Plow
JD 5B 1450 Plow

JD AW 9'10" Disk
JD 494 4R Plate Planter

IH 6R Air Planter w/dry
fert.

IH #56 4R Planter
Farmhand Loader to fit
JD 1010 & 2010

Brillion 9' Packer
JD 4430 Dsl. Tractor

WENGER
IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT



JD 3020 Tractor, Late
Model, Nice Shape
Case 1070 Tractor,
Power Shift, Nice
shape

1977 NI 709 Uni System,
1100 actual hours,
air, heater, cab.
Traded for larger
unit.

Plus NI cut/ditioners &
mow/ditioners, trac-
tors in stock at Good
Prices.

C. & P. FULTZ EQUIPMENT

RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

Tractors
AC 210 JD 4010 IH 300
AC 220 JD 2510 IH 350
AC 7030 JD 2010 IH 450
AC 7050 JD A IH 340
AC 170 JD B
AC 180
AC 190
AC 200
AC WD's & WD 45's

Used Equip.

Fox SP chopper w/2 or 3
row Head

IH PR1 Corn Picker
NH 845 Round Baler
Farmhand Tub Grinder
Model 880

Combines

AC C combines
AC F combine
AC L combine
AC E combine

GRUMELLI FARM SERVICE

Quarryville
Phone
717-786-7318



USED EQUIPMENT

AVAILABLE THIS WEEK...
NH TR70 Combine with 2 heads, cat
diesel, 800 hrs...Under \$30,000
IH 3588 w/800 hrs...\$27,500
IH 966 w/no cab, real clean
JD 4430 Cab and Air

IHC 2400 Series B Utility Tractor w/570 hours
IHC 806 Diesel, no TA, fresh overhaul, WFE, 3 pt.
\$5,850.

NI 767 Super Chopper with pickup
Ford 4000 Gas

AC D17 Series 4 Tractor
IHC 574 Diesel Utility (SOLD) Mount-O-Matic
loader, 650 hours.

Farmall 706 with 291 gas engine, 2350 Mount-O-
matic loader

Int. 1456 w/dual PTO's and 23.1x34 rear tires, new
clutch and TA runs excellent

IHC 84 Hydro Tractor w/50 hours
Farmall 756 Gas Tractor, new motor
AC 200 Tractor w/2100 hrs. 1 owner

PARTS FOR SALE

IHC 815 Diesel Combine
Massey 510 Gas Combine

RAYMOND B. LEAMAN

Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

LANCASTER SILO CO., INC.

VAN DALE
STARLINE
RITCHIE

2008 Horseshoe Road
LANCASTER, PA 17601

CONVEYORS
BELT FEEDERS
TAPER BOARD

IF YOU ARE THINKING SILO FOR '82
THINK ABOUT THESE SAVINGS TOO.
**ALL ORDERS WITH REQUIRED DOWN-
PAYMENTS BEFORE DEC. 31, WE'LL TAKE
10% OFF OUR CURRENT PRICE.**
BALANCE OF SILO NOT DUE TILL
ERECTED IN '82. WE ALSO OFFER,
LEASE PLAN - FINANCE PLAN. WE
WILL TRADE GOOD EQUIPMENT & GOOD
DAIRY HEIFERS. CALL US BEFORE
YOU ORDER A SILO - YOU WILL BE GLAD
YOU DID!

"LANCASTER" FEEDLOT EQUIPMENT

"LANCASTER" BELT FEEDER;
A Very Quiet, Very Economical Bunk
Feeder. Silage Contacts Only Rubber Belt
& Wood Trough. No Corosion or Costly
Repairs.

"LANCASTER" Double Chain Conveyor
Convey Silage, Grain, or Feed to
Cart or Bunk Feeder.
Wood Construction, Long Lasting.

"LANCASTER" ROUND HAY FEEDERS:
Strong 2-Piece-18 Feed Openings

"LANCASTER" WATER FOUNTS:
Heavy Steel - Float & Valve Type
Single Bowl (non-heat) \$27.50
Double Bowl (non-heat) \$30.00



FOR SALE
(2) 20.8x38 8 ply Pierlli
radial tires.
New \$990 each.

Farmall M, fair con-
dition, \$950

Brillion 11' packer exc.
cond., \$890

Badger model 205-205
bu. spreader w/2nd
beater, in new cond.
\$2785

NI 214-217 spreader
w/hyd. gate, Graetz
chain, 9 mo. old, exc.
condition, \$3085

NI mod. 200 PTO
spreader, nice cond.
\$765

Taylorway 6'4" heavy
duty offset disc
harrow, 24" blades,
new condition \$1600

Danuser model BMBH
front mounted post
driver, exc. cond.
\$925

**HEISEY FARM
EQUIPMENT, INC.**
RD 1 Jonestown, PA
717-865-4526

FARM EQUIPMENT



NEW FORD TRACTORS

3600 - 5600

FORD TRACTORS

8N 2600
Jubilee 3000
850 4000
971 5000
2000 5600
6700

New Ford Compact Loader

Clark Forklift
JCB Tractor Loader
Backhoe
Wheel Trencher

STRALEY FARM SUPPLY

1760 East
Canal Road
Dover, PA 17315
717-292-2631
717-292-4443

WHEELIN'N DEALIN' DAYS AT C & W



Hydra-Mac 20C III
diesel, skid steer
loader, new

Hydrostatic all gear drive, load
capacity 4000 lbs., 66" manure
fork, 68" material bucket \$15,280
Hanson 3 pt. snowblower, 7' demonstrator 1,699
IH 80 snowblower 1,865
Used McKee 8' front mounted snowblower \$1,200

USED EQUIPMENT

IH 656 high utility \$6,500
IH 544 hydro utility 3 pt. hitch 4,900
JD motor for 3010 tractor 225
NH 479 mower conditioner 2,650
IH 990 9' mower conditioner 1,100
IH 350 harrow 500
IH #55 14 tooth hiclear chisel plow 1,300
Ford 2 bottom 3 pt. hitch plow 175
IH 455 4 row planter 350
IH #37 baler w/thrower 800
JD 24T baler w/thrower 1,500

Service Special
All work performed in our
service center through January.
10% discount on IH parts used.

We ship parts by UPS daily

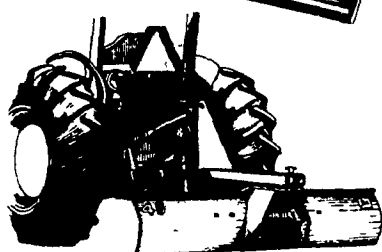
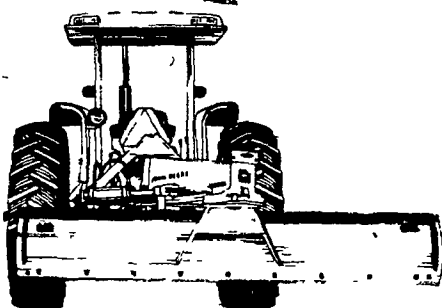
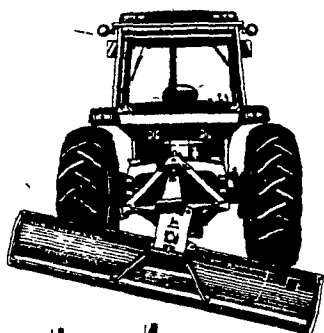
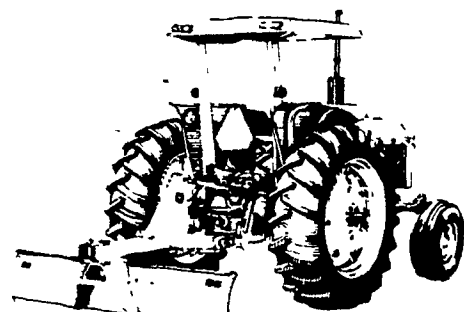
C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419



SAVINGS \$ GALORE

on selected John Deere products

JOHN DEERE REAR MOUNTED BLADES



MODEL 45

6 Ft. **\$305⁰⁰**

For tractors up to 50 PTO HP, replaceable cutting edge, forward and reverse angling, offsets right or left

MODEL 78

7 Ft. **\$415⁰⁰**
8 Ft. **\$425⁰⁰**

For tractors up to 70 PTO HP, Replaceable cutting edge, forward and reverse angling, offsets right or left.

MODEL 88

7 Ft. **\$585⁰⁰**

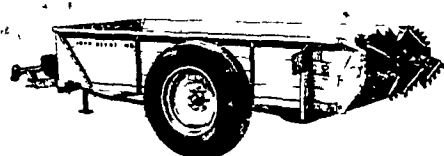
For tractors up to 80 PTO HP, replaceable cutting edge, forward and reverse angling, offsets right or left, adjustable for tilt and pitch.

MODEL 115

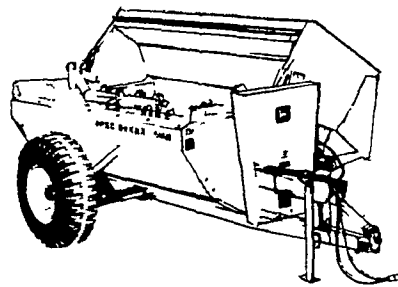
7 Ft. **\$710⁰⁰**

For tractors up to 110 PTO HP, replaceable cutting edge, forward and reverse angling, offsets right or left, adjustable for tilt and pitch.

SPREADER SPECIALS

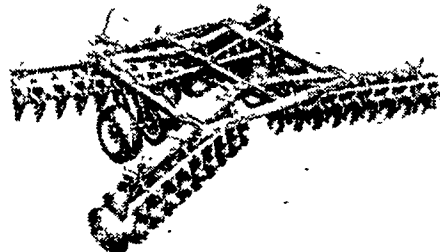


JOHN DEERE MODEL 40
With 540 PTO, 18" Cylinder
Beater and Used Truck
Tires
\$3145⁰⁰



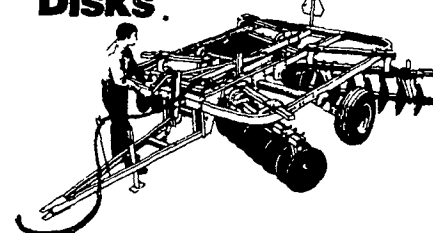
JOHN DEERE MODEL 465
6-Ton, 845 Gal., Left Hand
Discharge, 540 RPM PTO,
Splash Guard
\$4200⁰⁰

DISK HARROW SPECIALS



1630 PLOWING DISK
11'7", 24 Blades 1/4" thick, cut-
outs front, solid rear
\$5700.00
John Deere Money -175.00
\$5525⁰⁰

115 Level-Action™ Disks



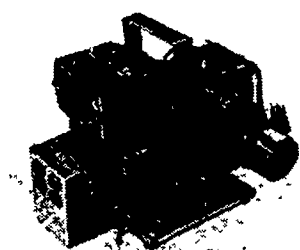
MODEL 115
11'5", 32 Blades
\$3100.00
John Deere Money -75.00
\$3025⁰⁰

FINANCE WAIVER UNTIL MARCH 1, 1982

PTO STANDBY ALTERNATORS

15 KILOWATT, SINGLE
PHASE w/540 RPM
PTO SHAFT
List \$2249.00
SALE **\$1295⁰⁰**

25 KILOWATT, SINGLE
PHASE w/540 RPM
PTO SHAFT, 1 Only
List \$2522.00
SALE **\$1995⁰⁰**



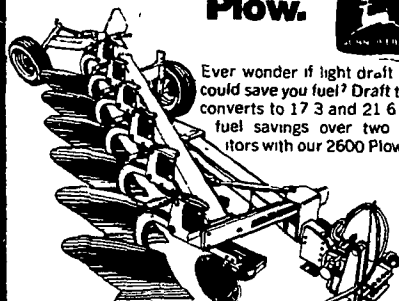
**1750 WATT PORTABLE
ALTERNATOR**
4 H.P. (1 Only)
List \$505.00
SALE **\$395⁰⁰**

16 A ROTARY CHOPPER



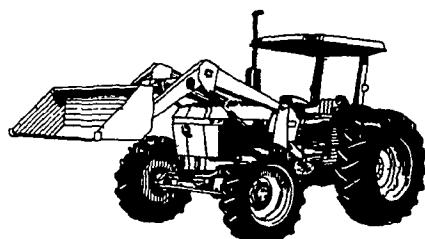
16A ROTARY CHOPPER
6 FT. CUT
540 PTO
\$3881⁰⁰

**Tough soils? Ease
your plowing with a
light-draft John Deere
Plow.**



Model 2600 — 4 Bottom 18" —
Spring Reset — **\$6059**
Model 2800 — 4 Bottom 18" —
Spring Reset — **\$7190⁰⁰**

John Deere 143 Loader -
it can work with front-wheel-
drive tractors



MODEL 143 LOADER
With Independent Control Valve
and 72" Bucket
\$1900⁰⁰

IT'S THE BEST TIME EVER TO INVEST IN A NEW JOHN DEERE TRACTOR

Before Year End Take Advantage Of:

■ CASH BONUSES ■ WAIVER OF FINANCE ■ OLD PRICES
■ INVESTMENT TAX CREDIT ■ VARIABLE RATE FINANCING
CALL US NOW FOR DETAILS

For a limited time: bonuses of \$1,400 to \$2,600 on John Deere row-crop tractors... \$3,200 to \$4,000 on 40 Series 4-WD... plus waiver of finance

Now through January 30, 1982, buy a new 2- or 4-WD tractor listed here and earn a bonus in John Deere money. After the dealer makes delivery, the bonus money will be mailed to you... money you can spend for goods or service in this store.

There's more. Use the new variable-rate John Deere finance plan and no finance charges will accrue on these new tractors and on new or used implements bought with them until June 1, 1982. One distinct advantage of variable-rate financing is that you can finance the tractor and implements you need now and automatically benefit from any future reduction in interest rates.

40 SERIES ROW-CROP AND 4-WHEEL-DRIVE TRACTORS

TRACTOR MODELS	BONUS IN JOHN DEERE MONEY THROUGH JANUARY 30, 1982
4040 2-WD, 90 PTO hp	\$1,400
4240 2-WD, 110 PTO hp	\$1,600
4440 2-WD, 130 PTO hp	\$1,800
4640 2-WD, 155 PTO hp	\$2,200
4840 2-WD, 180 PTO hp	\$2,600
8440 4-WD, 215 eng. hp	\$3,200
8640 4-WD, 275 eng. hp	\$4,000

*This finance offer may be withdrawn at any time

**DOUBLE DISK SEED
OPENERS FOR
JOHN DEERE 1240
CORN PLANTERS**
\$70 per row

**ABC GROFF
INC.**



STORE HOURS
Mon., Tues., Wed 7-5
Thurs., Fri 7-9
Sat. 7-4
Parts 717-354-4191
Sales 717-354-4731
Service 717-354-8004

Since 1890
110 S. Railroad Ave.
New Holland, PA 17557

**OPEN THURSDAY
AND FRIDAY UNTIL 9 P.M.**



**OUR TRUCKS
ARE
RADIO
CONTROLLED**

**USED
GORMAN-RUPP
PUMP**

For liquid manure
and waste water,
pump only or w/gas
engine

ECCO, INC.

4021 N. 6th St.
Harrisburg, PA 17110
717-238-9423

**NEW TILLAGE**

12' Rhino Rock Flex
Disc
18' Amco Hyd. Wing
Rock Flex Disc
13' 245 Bush Hog Offset
26" Disc
14' 1439 Bush Hog Disc
12' Glenco Soil Finisher
NEW EQUIPMENT
Hesston 30B Stacker
Allen 20' Hyd. Rakes

USED TRACTORS

White 2-70 w/Cab &
Loader
Oliver 1850 D
JD 2510 Gas
Ferguson 20 w/Sauder
loader

USED HARVESTERS

**FIELD QUEEN
SIDE DUMP,
Cat Engine,
3 Row
Head & Pickup**

**NH 1895
Forage Harvester,
4 Wheel Drive,
3 Row Auger
Head and Pickup,
283 hours
Excellent**

NI 702 Diesel Um
NH 890 3R & Pk. Up.
Gehl Recutter Blower
IH 715 Combine, 13'
grain & 3 Row Corn
Head

Fox 3310
USED SPREADERS
NI 224 10 Ton
NI 218 8 Ton
NI 1500 Gal. Vacuum
Badger 1500 Gal.
Vacuum

USED EQUIPMENT
12' Brady Shredder
MF 7B 880 Reset Plow
Ditch Witch Trencher
20.8x38 Snap-on Duals
Hesston 4800 Big Square
Baler

Fg. Wagons, J.D., AC,
Grove, NH
Hesston Stackhand 10 &
30

Fox Blower
NI 728 4RN Head
Gehl 6' Rotary
JD 7' Rotary
White 5400 6R No-Till
Pltr.

AC 6R Liquid Planter
w/No-Till
AC 15' heavy duty Sgl.
Fold Disc

JD 28 Disc Harrow
NI 323 1R Picker
Hesston PT10 Win-
drower

NH 479 Haybine
NI 272 Cut/ditioner
Hesston 320 SP Win-
drower

Hesston 1014 Hydro
Swing Windrower
SS9 Glencoe Soil Saver
NI 710 Combine
Hawk Bilt 2155 Roll Top
Better-Bilt Hi-pressure
Vac. Pump

Kools Recutter Blower
**STOLTZFUS
FARM SERVICE**

Cochranville, Pa.

215-593-2407

**HIGH PURITY, HIGH
CALCIUM LIMING** mat-
erial available. Dried
typical analysis: 96.6
percent calcium carbon-
ate, less than 1 percent
magnesium oxide,
granulated, dust free,
and easy to handle.
Only \$.75 per ton
loaded on your truck.

Contact
Sundance Agri-Products
RD 3, Box 1368,
Bangor, PA 18013
215-588-8150

TRACTORS

- Case VAC
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w/
Loader
- 990 David Brown
- David Brown 1410
- White 2-105 Tractor
- AC 175D Tractor
- AC "B" Tractor
- C Farmall tractor with
Cultivator, Corn-
planter & Snowplow

LOADERS

- Case 1537 Skid Loader
- Case 450 Crawler
Loader
- Case 450 Crawler Dozer
- 1845 Diesel Uni-Loader

TILLAGE

- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth
Harrow
- Oliver 2 Bot Trailer
Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

**HARVESTING
EQUIPMENT**

- Gehl 600 Harvester, 2
Row Cornhead and
Pickup Head
- NI Unisystem 701
Tractor
- NI Unisystem 702
Tractor, 710 Combine
& 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Corn-
picker
- NI No 10 1-Row Corn-
picker
- Int Mtd. Picker, 2 Row
- IH 550 Harvester
w/Pickup
- JD No. 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
w/Pickup
- Dion Self-Unloading
Wagon
- NH Forage Blower

HAY EQUIPMENT

- NH 469 Windrower
- Hesston 1014 12'
Windrower
- Hesston PT 10
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI Hay Rake
- NH 66 Baler

MISCELLANEOUS

- Ford 4-Row Corn
Planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-
row
- IH 400 Corn Planter, 8
Row
- 10 Used Spreaders
- NI 17 Spreader
- NI 224 10-ton Spreader
- Potato Grader
- Dump Wagon
- IH Weigh Mixer

**SPECIAL
PRICES!**

- 1200 Bu. Corn
Cribs
- NI 456 Round
Baler



**ZIMMERMAN'S
FARM SERVICE**

Bethel, PA

Phone 717-933-4114

NEW EQUIPMENT

WHITE-
Model 5100 4-Row
Planter
2-85 Tractor
2-105 Tractor w/Cab
2-155 Tractor w/Cab

NEW IDEA-

213 Spreader w/Single
Beater
214 Spreader w/Single
Beater
243 Spreader
244 Spreader
245 Spreader
107 Spreader
325 Cornpicker
406 Rake

GEHL-
2600 Skid Steer Loader
FC7200 Flail Chopper
MX100 Mixer
MX 135 Mixer
CB1000 Forage
Harvester w/TR 3038
cornhead & HA1100 hay
attachment
F-99 Blower

**2 BEHLEN
CORN CRIBS
INSTOCK**

USED EQUIPMENT

MF Model 36 Hay Rake
FB88 Gehl Forage
Blower
NH 880 Harvester w/
3-row narrow corn-
head
NI 218 Spreader, Recon-
ditioned

**MILLER
EQUIPMENT CO.**

RD 1 Bechtelsville, PA
215-845-2911

**USED EQUIPMENT**

Ford 4110 Gas Tractor
WF
Ford 8N w/loa (SOLD)
JD 2020 Gas
JD 1050 Dsl 33 h.p. 425
hrs.
JD 2640 Dsl like new, all
new rubber

IH 706 Dsl, WF w/loader
JD 4020 yr. round cab
JD 4620 yr. round cab
JD 4430 Sound Guard
IH 815 hydro combine. 4
row N.C.H. & 13'
platform

JD 7700 combine
JD 7700 Hydro. combine,
rotary screen, auto
hdr.
(2) JD 444 Corn Heads
JD 16' Platform
JD 494A Planter w/fert.
JD 1460 Planter no-till
IH 400 cyclo 4 Row
Planter

JD 7000 4 row wide
planter
JD 7000 4 row wide no-till
JD 7000 6 row convs.
w/lig. fert.

JD 12 row tool bar, maxi-
merge, no-till coulters
JD 7100 planter 12 row
no-till

JD 1630 11' 7" Disc
JD BWA 13' Disc (SOLD)
Oliver 12' Disc
Sunflower 24' Wing Disc
Oliver 3-14 pull plow
Oliver Spring Tooth Plow
JD 46A Loader
JD 24T Baler

JD 25 Forage Harvester 3
pt.
Davis 20+4 Hydro
Trencher

CFH, INC.

East Main Street
Cecilton, Md. 21913
(301) 275-2195

648-5416 755-6608
Evenings & Weekends
Call Gary (301) 885-2248

(Combines, Tractors
and Equipment Just
Arrived on our Lot.)

(Combines) New JD
4420 fully equipt.
w/213 grain & 443
C.H. list for \$71,400.
our price \$56,900. MF
750 Hydra D w/air,
purchased new in '79,
fully equipt. w/grain
& 1144CH, real N-I,
C-E. 1976 Gleaner FD
w/air and both heads
(1 local owner); JD
6600 Side Hill turbo,
hydro, floating cutter
bar, and choice of
corn heads, real
nice; 1973 Int. 915 gas
w/grain head nice,
under \$10,000. 1976
Gleaner K
w/cab and grain
never used in corn,
MF 510D Hydrostatic
w/mud hog rear
wheel drive w/Quick
tach grain and 44 Lo
Profile corn head.
1968 Gleaner CII
diesel w/cab and 4
row C.H., JD 7700 D
w/grain & corn head,
JD 6600 D w/air & 13
Ft. grain. JD 55 sq.
back corn special
w/cab and 2 heads;
Int. 715 gas w/cab, 810
grain and 844 C.H.,
Int. 810-15 ft. floating
cutter bar, Oliver 25
w/cab.

MF 760 diesel hydra
with grain and 6 row
(SOLD) \$19,750. Int.
1440 axial Flow w/520
hrs.; 1977 Int. 915
w/rear wheel drive,
grain and 863 C.H.;
1979 MF 550D, excel.
w/grain and corn
heads. 1975 MF 510
hydra. w/grain and
corn head. Gleaner
M Diesel late model
w/grain and A630
C.H. MF 300 combine
w/cab (SOLD) and
grain. Late model
Int. 303 w/cab, N.H.
985 w/cab and grain
and 3 row 30" C.H. or
4 row 38" C.H.

N.I. 702 D w/767 Super
Chopper. N.I. 702 D
w/husking bed and 3
row C.H., NI 702
w/729 A sheller, 702
D w/rebuilt motor.
JD 643, 243, 444 C.H.;
NI 325 w/12 roll 324
w/12 roll; New Farm-
all 986 w/Rops
\$18,800; New MF 2705
cab, air, \$27,000;
New N.H. 489
haybine; New N.H.
315 Baler; N.H. 268
Baler w/thrasher;
N.H. 68 balers
w/thrasher; NI 323
one row \$2475.

TRACTORS & EQUIP.
Farmall 1566 w/cab
and duals, new JD
4240 C.A. Q.R.,
Oliver 1855 w/factory
cab. Farmall 560 D
WF, Used Farmall
1086 w/R.G., Canopy,
White 2-105 w/roll
guard, ACXT190 real
nice, Ford 4000D
w/1400 hrs. excl.,
M.F. 285D (SOLD)
w/R.G., M.F. 165 Tri
D. N.H. 1010 Bale
Stack Wagon, 3 new
Bush Hog Chisel
plows 9 & 11 ft. all
w/gauge wheels; Us-
ed JD 2640. Corn
Heads. Gleaner
K330, FLA30, E330,
A430 for F or F2, MF
421.

NEW FARMALLS:
New 986 C.A. new
3388 2+2, New JD
4240 w/Roll Guard &
Q.R. \$24,900; New
4040 w/Power Shift
and R.G. for \$23,950;
JD 3020 w/Diff Lock;
JD 2020, Used Farm-
all 886 w/R.G. real
nice, 1066 w/red cab,
Farmall 706 w/310
diesel, 560 tri D.
F.H., Farmall 560D
w/2000 loader, Farm-
all 1256 w/cab &
air, Farmall 504
Utility gas w/3 pt.,
1970 JD 4020 W.F., 2
New Haybines, New
Gehl 1090 9' for \$4450,
New NI 299 for \$4250,
(3) real nice balers,
Int. 445 baler
w/thrasher just like a

new one \$3500 less
than dealer cost. NH
320 w/thrasher, used
1 season. NH 277
w/thrasher, JD 24T
w/#30 kicker

Corn Heads JD 643, 444,
344, 435N, 313 for 45C,
334, 235, Massey
Ferguson 44, 63, 43,
24, 33, 222, 422,
Gleaner G435 L438,
F430, F438, A430,
E240, K238, F335,
F330, K330, N.H. 4-
row quick tach, Int.
864, 844, 843, 744, 743,
227, NI 4-row 40"
heads, Case 4 row
40", MF 44 & 43 Lo
Profile, Int. 744 for
715, Int. 6 row, 30"
for 503, NH 4 row 38"
C.H. New JD 444,
\$7350. Just Rec. -
New JD 643 for
\$10,800, used White
704N, 706N C.H. used
JD 444 for \$3500.

TRACTORS 1977 JD
4230 cab, air, quad,
real nice. JD 5020
original w/dual
wheels; JD 2940
w/front wheel drive
and cab, used 360
hrs. for \$18,800. JD
4430 CA Quad w/long
axles for duals; JD
6030 C.A. Duals, real
sharp; JD 6030 cab
and duals, fair; JD
4520 w/triple hyd. for
11,900. Nice, JD 4320
for \$11,850. Farmall
used 986 cab and air,
1566 cab and air
w/new T.A., for
\$18,000. Farmall 706
gas w/TA and 3 pt.
original real good for
\$4500. Farmall 544
gas W.F. Farmall
706D WF & 3 pt.; NI
324 picker w/super
sheller used 80 acres.

CORN PICKERS -
(new) N.I. 324 w/12
roll bed; NEW New
Idea 325 w/12 roll
bed, Used (4) N.I. 324
w/12 roll bed, (1) NI
325 N w/12 roll bed
(325 N w/sheller),
NI 3 row 30" picker
w/super sheller, New
Idea shellers and
Super shellers, N.I. 2
row 30" picker
w/grinder. Int. 234
w/12 roll bed. JD 3800
2 row chopper
John Deere 8630-4 Wh.
Drive w/3 pt. PTO &
Dual Wheels, real
nice, also AC 2600 -
28 ft. Hyd. wing disk,
like new, J.D. 7520
w/3 pt. & Dual
Wheels.

(Tractors w/Loaders),
JD 4020 w/58 Loader,
Farmall 1206 w/cab.
Case 930 CK w/5X
(SOLD) Plow. New
JD 4440 cab, air,
power shift. J.D. 4010
gas. JD 4020 gas
\$4900. JD 4430 C.A.
Q.R., 1970 JD 4020
w/roll guard; JD
4320 w/cab, 2-JD 1970
4020 w/dual hyd.,
1970 JD 4020 Power
Shift & Dual Hyd.,
Farmall 856 - nice.

Farmall - 1568 - V8
w/cab & air used 1000
hrs., used 686 w/cab
& air, 1566 w/cab, 766
D; 1466 w/cab.

Steiger Bearcat 4 whl.
drive w/dual wheels
and new motor in ex-
cell. cond.; Gleaner
E Combine w/cab,
grain and corn head;
Farmall 1206, 460
Gas w/F.H., Farm-
all, 756 gas, 560, 856
w/front wheel drive,
Farmall Hi Crop-656
diesel, 756,
(SOLD) 300. Cub
Lobby w/mower,
Cub w/mower and
F.H.

HARVESTERS. New
Int. 720 w/2 row, JD
38 w/2 row pickup
N.H. 770 w/2 row,
J.D. 38 Chopper w/2
row, NI 3 row, Fox 2
row 30", Fox 3 row
30", Fox 2 row snap-
per head. JD 1 row
snapper head like
new.

ALLIS CHALMERS
7080 w/cab & duals
*18' 400, 7040 w/cab,

power shift like new,
AC 200 w/cab & air,
AC 185 - \$10,400, low
hrs., \$210 w/new
20.8x38 tires.

JOHN DEERE New JD
4440 cab, air, power
shift, \$35,900. New
JD 4440 cab, air Quad
34,500, used JD 4430 -
4 post, power shift,
used 4230 cab, air,
QR, nice, 1975 - 4430
C.A. Q.R. sharp. 4030,
5020 tractor puller,
1972 JD 4000 D.P.S. 1
local owner sharp.
JD 2840 w/260 hrs.,
like new, 4010D
w/WF, 730D, 720 D.
60 w/3 pt., 3010
(SOLD) gas utility,
520. JD 3020 F.S. Gas
JD 4030 w/R.G. and
Quad. 1970 3020
(SOLD) gas side con-
sole power shift w/48
loader, JD A.

FARMALLS: used 1586
w/cab fully eq.
w/duals, used 500
hrs. like new, 1586
w/cab, fully equip.
w/dual wheels and
dual PTO real nice,
used 1086 w/cab, air,
1 owner-looks like
new; used 1086
w/Rops, 966 black
stripe w/roll guard,
1066 red cab & air,
856 w/3 pt. and 38"
tires, 1206, 806 w/3 pt.
& 38" wheels, Farm-
all 656 Diesel & 656
gas, 766, 1456, 806,
Farmall hydro 70
w/w.f. and 3 pt., 826
hydro D nice.
(SOLD) 504 WF Int.
674, Int. 574, 460 Dsl.
TA, nice, \$2275, 400
w/P.S. & F.H., Super
C w/cult. and 7 ft.
mower, Ford 6000 tri
D for \$1975.00.

New White 2-105 w/cab
\$22,850. Oliver 1755
w/cab and air;
Oliver 1650 w/R.G.;
1750 w/over and
under, 1860 D W.F.,
1855, 1850 for \$4800
w/over and under,
Ford 2000
(SOLD) w/loader,
Ford 4000 Tri. D

MASSEY FERGUSON -
1130D, Super 90D for
\$3400.00.

MF 165D w/heavy duty
loader. MF 175D,
sharp.

(Case) New 2090 Cab &
Air, power shift
\$23,950; 1977 Case
1070 power shift
w/cab enclosure real
nice, 1975 Case 970
w/4 post, P.S., 1070
P.S., 930 C.K.

Case 1370 - P.S., Case
970 w/P.S. Oliver
1955 & 1850 D. w/over
& under shift 1950T
w/cab, 2050, 1855
w/20:8 tires, 1650,
Ford 9600 diesel
w/dual power and
dual wheels, Ford
6600 w/cab, like new,
6000 Commander, D
Ford 4000 MM \$670
diesel.

COMBINES - JD 7700
Diesel w/Fire
Damaged cab. N.I.
Demo 768 WN 3 row
head, N.I. 702 Uni
tractors w/combines
& 729 A and 729 Uni
shellers w-3 & 4 row
30" and 40" heads.
Used JD 13 to 15 ft.
grain heads, JD 216 &
213 flex heads

IND. EQUIPMENT -
Int. 510 4 whl. drive
payloader used 500
hrs. like new. Cat 955
crawler loader, Case
850 D dozer w/hydr.
blade, Michigan 55B
Diesel Payloader,
Case 530D. L & B -
\$4475, Skid Loaders -
Bobcat Hydro 720,
700. Ford CLA0 Skid
Loader, NH L35. 73
Komatser D. 655
power shift loader.

CORN PLANTERS -
New & Used 7000 JD
4 row w/Inst., Used
JD 7000 six row
w/fert. fill, plateless,
inst. w/minimum till
& monitor, JD 1240
plateless w/Inst. XX
disk openers in exc.
cond. new White 5100

four row planter fully
eq. used MF 4 row
(SOLD) planter.
Bearcat 950 Grinder
Mixer used twice,
like new. Used Int.
1250 Gr. Mixer
w/elect. scales - nice,
N.H. 354 grinder mix-
er real nice \$3500.00;
Int. 56 Blower for
\$485.00. Hesston #10
stackhand wagon,
N.I. 325 picker
w/sheller, NI 324
w/super sheller, NH
36 Flail Chopper like
new. New Brillion 22-
and 25' fold culti-
mulchers. Call for
old prices, Brillion 12
& 16 ft. packers.

JD #220 hydraulic fold
wing disk; JD 220
hydraulic fold wing
disk; White 252 wing
disk. Used JD 453
bean head (SOLD).

New Case 8 row
hydraulic fold cult.
used N.I. 272 7 ft.
cut/ditioner, JD #930
3 pt. R.H. JD #350
PTO drive 40 ft.
elevator, used
haybines, JD 1209,
1207, Hesston PT10,
Case 550, NH 479,
(SOLD) 460, Grim
Hay Tedder.

(New) NH 310 Baler
damaged price
\$1400.00 JD 17 disk
grain drill, JD 640
rake w/front wheel.
Used Int. 400-6 row cyclo
w/Inst. and Monitor
for \$1800; White 6
row w/no til fert. fill,
inst. and monitor, (3
offset Disks) J.D.
#360 12 ft., Wilbeck
12' offset like new,
Miller 14 ft. offset.
JD Disks #210. Int.
#480-22 ft. Wing Disk,
Oliver 3 ft. heavy
blade disk.

PLOWS - 2 Int. 6X spr-
ing reset, Int. 7X on
land reset, 5X reset,
John Deere #2600; 5X
spring reset; JD
#350-4X reset like
new, JD 7X on land
hydl. reset, Ford
5x18 spring reset.

JD, Int. 5; 6; 7 trip New
Bush Hog 12 ft. pul-
type chisel plow. JD
#1600 - 16 pt. pull
chisel plow, JD 12 ft.
3 pt. chisel plow;
New White 14 ft. field
cult., Kawanee 22 ft.
Wing Disk Kawanee
15 ft. Roller Harrow.

LOADERS - used JD 58
Used Int. 2350, MF
loader for 1105, Int.
Fast hitch 3 pt.
adapters, 3 pt. hitch
for 630 and 730 JD
tractor. New and Us-
ed J.D. Quick
Couplers. 4 Used 30.5
x 32 tires.

(Combines for Parts)
JD 7700D, 105, 95 gas,
Int. 115D, MF 510.

TRUCKS - 69 GMC cab
over w/24 ft. Grove
roll back body, 1980
Silverado Chevy
diesel w/every option
on, 1971 Ford - 3/4
ton pickup, 1976 Chev
C65 w/7,000 miles
w/14 ft. flat, like
new; 1977 Datsun 44 ft.
Combine trailer,
(New) NH Direct cut
head for 770. (New)
Kill Bros. gravity
bins. New Kill Bros. 8
& 10 ton running
gears. Pick up heads
for Int. 550, 650, 350,
Fox pickup head,
Direct cut head JD
3800 & 38. JD 3 row
narrow silage head.
(20) sets of dual
wheels all sizes.

JD front & rear weights,
IH front and rear
weights.

For your needs call:
**STITZEL
FARM
EQ. INC.**

FARM EQUIPMENT

NH 1469 Haybine
\$7500.
Gleaner G Combine
w/grain table 4 Row Corn
Head \$15,500.
NI 323 Corn Picker
\$2750
JD Hyd. Bale Tosser,
late model, Ex. cond.
\$800
WENTZ FARM SUPPLY
Palm, Pa.
215-679-7164

FARM EQUIPMENT

For Sale - JD 4230 Tractor, QR, excellent condition \$12,500. 301-829-0271.

3 beater NI Manure Spreader, 10b0 MF tractor, Wood saw for tractor, all in excellent condition. Franklin Co. 717-328-2458

FARM EQUIPMENT

JD 23/ Corn picker with multi-lube, excellent condition. Roger Krumrine 301-346-7514

For Sale - Cub Low Boy late model, yellow and white, one owner, turf tires, 5' hammerknife mower and snowblade. Phone 717-687-6553 or 717-687-8021.

FARM EQUIPMENT

Hydra Fold Auger Inc - 6' or 8' gravity box auger, truck auger, grain bin drive unloading unit, little red toy wagon. 149 N. Market St., Paxton, IL 60957. 217-379-2614

JD 530, new paint, exc. cond. 814-793-4293

FARM EQUIPMENT

670 Moline diesel. 814 793-4293.

For Sale - AC 170, IH 10 drill 717-438-3115.

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

FARM EQUIPMENT

830 JD diesel 814-793-4293

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

FARM EQUIPMENT

JD 227 corn picker, good cond. 215-488-1965. Berks County.

For Sale - Oliver 2 bottom 12" or 14" Radex plows. JD KBA 20 and 24 disc., 8' or 9' cultipackers or sprocket packers. 717-687-6553 or 717-687-8021

LONG

WENGER'S INC.

LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS:
717-866-2135

PHONE:
NIGHTS:
717-866-7147

OR:
717-273-9089



NICE FEED MILLS

NH 354 \$3850 NH 352 \$2850

NEXT AUCTION
DECEMBER 14

9:30 A.M.

REASONABLE PRICES FROM
THE TRACTOR WHOLESALERS

OLIVER

2050 \$6000
1950 GM \$6500
1855 - Cab. \$10,000
1800 - 4WD \$5900
4 WD Front End
only \$1475

JOHN DEERE

4430 Cab \$16,500
4020D \$7800
3020D \$5500
820D \$2900
MT \$1350
4020 Gas \$5500
5010 \$6500
4230 - Cab. \$14,500
3020 Gas \$4900
4304 w/Loader. \$3500

LONG

N 610DT \$10,900
N 560DT \$8700
560DT \$4750
N 310 \$6500
N 310C \$6500
460 DT \$6900
w/Loader \$6900

CASE

1370D \$10,000
930DCK \$4500
1470D 4WD -
Cab \$12,000
(2) 930D CK -
Standard \$2800
(2) 830D CK \$4500
930 Standard \$1500
1070 w/cab. \$7000
1410 - 600
Hours \$10,750
1200 4WD \$6000

LOTS OF SMALLER AND
OLDER IH TRACTORS

N.I. MACHINERY

Late 325 - 12
Roll \$5500
325 - 8 Roll &
Sheller \$5500
Late 324
w/Sheller \$4800
319 w/12 Roll. \$3000
311 w/Sheller. \$1650
331 w/Super
Sheller \$2950
12 Roll Bed for
Pull \$2850
(3) Mtd. Grinders \$750
Pull Grinder \$1675
(2) Mtd. Shellers. \$950
(4) Pull
Shellers. \$300-\$1000
Pull Super
Sheller \$1650
18 Spreader \$875

OLIVER & WHITE

MACHINERY

White 6X18
Reset \$5000
1750 Cab \$500
Rollbar w/Root. \$675
4WD Front End For
1850 \$1475
285 Field Cult. - Pull-
18' \$1875
254 - 10' Wheel
Disc \$1200
252 - 12' Wheel
Disc \$1350

CASE MACHINERY

5X Reset Plow \$4900
Rollbar Rake. \$550
930 Cab \$395
1030 Cab - New \$1850
Extra Chopper Heads

I.H. MACHINERY

720 5x20 Reset
Plow \$5000
700 6x16 Reset \$2800
203 Combine w/2
Heads \$1975
403 Combine Cab
w/Air \$1000
(3) 234 Sheller
Units \$950
645 Fieldcult - Pull
19' \$1875
F.H. Field Cult -
12' \$695
2X Cult - From \$100
4XFH Cultivator. \$395
53 4XFH Cult \$800
53 4X 3 Pt Cult. \$1200
2XFH Plows \$400 & Up
4XFH Plow \$350
Rollbar w/Root. \$675
(3) Loaders -
From \$675
555 Chopper \$750
Cub Spreaders
From \$500
#10 18D D.
Drill \$2000
18' Wing Disc -
Rebuilt \$3900
13'6" W Disc -
Rebuilt. \$1800 & Up
12' W Disc
Rebuilt \$1800
11' W Disc
Rebuilt. \$1600 & Up
8' FH Disc. \$750
5' Cub Disc From \$350
480 25' Wing
Disc \$3900
#10 - 17 S.D.
Drill \$1800
2XFH Planter \$400
Cub Snow
Plows \$195 & Up
Extra Chopper Heads -
NEW HOLLAND
MACHINERY
354 Mill \$3850
352 Mill \$2850
(2) 850 Round
Baler. \$4500 & \$5250
270 Baler w/P.T.O.
Thrower \$1950
479 Haybine \$3000
477 Haybine \$1500
P.T.O. Thrower. \$700
23 Blower \$450
890 Chopper \$3800
707 3 Pt 1 Row
Chopper \$1800
(35) Extra Harvester
Heads
258 Rake \$1875
Tandem
Spreader \$2850
FORD MACHINERY
3000 Rollbar \$275
3000 Cab \$775
354 4X Planter. \$2500
4X Planter \$1000
2X3 Pt.
Cults From \$250
2X3 Pt.
Plows \$395 & Up
3 Pt. Sickle
Mower \$495
3 Pt. Flail Mower \$695

A.C. MACHINERY

770 4X No Til
Planter \$2900
CII Combine Cab \$650
Roto Bar Rake. \$800
3X5C Plows \$150 & Up
720 Chopper
w/2x30 & P.U. \$1850
"G" Snow Plow. \$200
Extra Chopper Heads
M.F. MACHINERY
3X Rollover
Plow \$1250
35 Combine - Pull
Type \$2500
1150 Cab - New \$1850
1085 to 1155 Cab -
New \$2250
J.D. MACHINERY
336 Baler &
Ejector \$3900
1209 Haybine. \$1500
2500 7X18 on Land
Reset Plow \$6000
1450 6X18 Plow \$3350

(2) 1450 6X16
Plow \$2150 - \$2950
(2) 2600 4X Reset
Plow (New) \$5500
40 4X3 Pt Cult \$395
RG4 4X3 Pt Cult. \$895
(10) 2X Cult. \$75 & Up
(2) 22' Hyd.
Wing Field
Cult - 3 Pt. \$1750
19' Field Cult
w/Wings - 3 Pt. \$895
(2) 290 2X
Cornplanters \$495
2X Potato Planter \$500
8' & 12' Lime Drill \$300
5X16 Pull Plow. \$850
(2) 3X16 3 Pt.
Plow \$475-\$775
2X Pull
Plows \$100 & Up
2X3 Pt Plow \$500
#5 Fodder Attach
For Baler \$495
55 P.T.O. Table
Blower \$350
38 Chopper \$750
(2) 40 S.P.
Combine \$1600
(2) FBB 17 Disc
Drill \$950-\$1850
Van Brundt 17 Disc
Drill \$950
KBA 20-24-28-32
Disc's \$195 & Up
RW 24 Wheel
Disc \$1150
Tedder \$195
Cab For 45
Combine \$650
(2) 43
Cornsheller
..... \$200 & \$500
(25) Extra Harvester
Heads Call
Air Cond. for 33-44-
66 Combine \$675
16A Flail
Chopper \$1250
7000 6X30 Planter
Loaded \$9850
214 Forage
Wagon \$1750
Lots - Lots More Not
Listed

MISC. MACHINERY

Long 10' Offset. \$3900
Wilbeck 12'
Offset \$4500
(2) Bearcat 12'
Culti-
mulcher. \$2000 & Up
Knoble 14' Wing
Harrow - 3 Pt. \$875
New Speco 6'6"
3 Pt. Disc \$495
New Round Bale
Feeder \$175
7'-10'-14' 3 pt. Spike
Harrows. \$395 & Up
Long Rollbars. \$300
New Brute 8' 3 Pt.
Blades. \$695
Waldon 10' Snow
Plow \$2500
Nesseth P.T.O.
Manure Pump. \$3500
Mayrath 32'
Elevator \$650
Glenco 12' Pull Field
Cult. \$1675
2X Transplanter. \$100
Glenco 9' Soil
Saver \$3300
(8) Culti-
packers. From \$150
Meyers 6' Snow
Plow \$395
Danuser P.H.
Digger \$595
F.M.A. Tedder &
Rake \$1000
Hesston 10W
Mower \$600
Servis 14' Rotary
Mower \$1500
Gehl 9' Haybine \$1250
(6) Loaders From \$250

Terran King 15'
Wing Rotary \$1950
Danuser P.H.
Driver \$395
Brillion 11'
Seeder \$1800
(2) 1X Potato
Digger. From \$500
Brady 2X Stalk
Chopper \$350
Brady 4X Stalk
Chopper \$1350
MM D
Cornsheller \$675
8' Rock Picker \$850
Hutchmaster 13'
Offset Disc \$4500
Athens 5' 3 Pt.
Chisel Plow. \$550
Athens 11' Pull Chisel
Plow \$1395
Assorted 1X Cult &
Plows
Assorted Side
Dressers
Spike Harrows. Call
Spring Harrows. Call
Swartz Mixer
Wagon \$1850
Corn Drags From \$400
New 6' 3 Pt. Land-
scape Rakes. \$495
New 7' 3 Pt.
Blades. \$245
New 2x3 Pt.
Plows \$450
New 1200 Bu. Corn
Cribbs \$795
3 Pt.
Woodsaws. \$500 & Up
New Landscape
Boxes \$350 & Up
165 Gravity Bins \$450
230 Gravity Bins \$525
Dunham 16'
Mulcher \$2250
Dunham 10'
Mulcher \$685
B.H. 2 x 3 Pt.
Planter \$200
New 3 Pt.
Seeders \$395
EZ 16' Box 3
Beater &
Roof - No Gear. \$2500
Lamco 16' Box - 3
Beater & Roof - No
Gear \$2400
8 Ton Gears \$550
10 Ton Gears \$625
12 Ton Gears \$975
(30) Sets of Duals
Lots of Harvester
Heads To Fit All Makes

FOR SALE
I & T TRACTOR
SHOP MANUALS
FOR OLDER
& NEWER
TRACTORS

CONSTRUCTION DUMPS
(2) 1974 IH & Ford
Diesels w/9' Bodies -
Air Brakes. \$13,900

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine
Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab - nice
760 Chopper

CRAWLER LOADERS

Cat 941 \$16,900
Cat 933 \$8750
(2) JD
350 \$6500-\$7500
JD 450B
w/9300 Hoe. \$15,900



LOADER TRACTORS

IH 2400A - Nice \$6500
IH 340 - Widefront - Fair \$2800
IH 340 - Trycycle - Poor \$1700
MF 35 - Fair \$2500
Ford 9N - Nice \$1950
Long 460 4WD (PICTURED) - Nice \$6900
JD 430 - Nice \$3500

TRAILERS

1969 Great Dane
35 ton
detachable \$15,750
New HD10 2 1/2
ton \$1650
New HSE14
4 ton \$1275
New HSM14
6 ton \$2000
New HSL14 6
ton \$1950
(3) New HTR16
8 ton \$2950
1976 Gooseneck 3
axle w/tilt top. \$4800

MISC. CONSTRUCTION

Davis DH5 trencher
New Diesel \$13,500
(6) Sweeper
attach. From. \$95
(40) Used hoe
buckets. From \$150
(25) Loader
buckets. From \$95
(8) Set forklift
forks. From \$300
Mich 35 4WD
Loader \$8500

TRUCK TRACTORS

(2) 1974 Ford
Louisville
Diesel \$8650



INGERSOLL RAND 5
HP AIR
COMPRESSOR
2 cylinder - single
phase - 80 gal tank
used 3 month
\$1850⁰⁰

BACKHOES

Long 3 pt.
Hoe-new \$4500
Long 5 in 1
w/cab. \$17,500
(2) JD 310
..... \$11,500
Ware Hoe
Attach. \$2750
Case Hoe
Attach. \$2750
JD 9300 Hoe
Attach. \$5500
3 Pt. Backhoe. \$2400
IH Hoe Attach. \$1800

1978 CHEVY
DIESEL PICKUP
- 40,000 MILES
\$3900

ROLLBACKS

1968 Int. Diesel -
24' \$7500
1976 Ford
Louisville
Diesel - PS - 5 & 2 - 24'
Rollback Nice \$23,750

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-
329
JD 643-443-343-434-
334-313
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321-
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30

WIDE ROW

IH 744-429-329-327-
724-229-228-227-25-
22
JD 434-334-234-210-
205-10
AC 440-435-240-238
Oliver 544-
531-522-512
MF 44-24-422-322-
222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

SKID STEER LOADERS

Case 1740
Diesel \$6800
Melroe 500 \$3500
OMC \$3500

WE LEASE
TRACTORS &
MACHINERY - 1
WEEK MINIMUM
RENT A BIG
OFFSET DISC
FROM US

DUMPS - FARM

1974 Ford Louisville
18' Omaha Dump
w/Cattle Racks
Diesel \$14,950
(2) 16' Steel Dump
Bodies - Complete -
Excellent. \$4000

LOG SKIDDERS

Franklin 133B w/Log
Loader \$6250
JD 440B \$8750

FORKLIFTS

Ford 30'
Diesel \$11,500
JD 2010 \$5000
Int 340 \$4500
Yale 3000 Lb. \$3500

COMPLETE RUNNING
GAS & DIESEL ENGINES
50 On Stock - Call

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS:

• Waiver of Finance on Used Tractors To March 1, 1982

IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice

JD 4520, 20.8x38 Radials, No Cab

IH 560 Gas, 400 Gas, 300 Gas

IH 706 Gas, Wide Front End

IH Super MTA

IH 350 High Utility

IH 350 Farinall

IH 544 Gas w/2000 Loader

MF 165 Diesel, \$3900

White 2-8' ~~SOLD~~ 1000

JD 1010 Gas w/Tricycle Front End, \$1700

Oliver 1800 Gas, Wide Front End, over & under \$4500

Farmall 300 3 ph, real nice

TILLAGE:

IH 760 14' Offset Disc

IH 475 13'5" Disc Harrow

Bush Hog 18' Folding Disc

Pittsburg 12' Disc

Oliver 251 9' Disc, Real Nice

IH 370, 350, 37, 35 in Various Sizes

JD 12' 3-Rank Chisel

JD 1600 12-shank Chisel

Plow w/ga. wheels

Oliver 4-Bot. Semi-Mtd. Plow

Int. 663 6-Row Cultivator

PLANTERS:

4 & 6 Row Cyclos, Field Ready!

JD FBB 17x7 Comb. Single Disc, Good Shape!

JD 494-A, DD, 4-Row Planter

IH No. 10 13x7 Plain Drill

IH No. 10 16x7 Single Disc, Comb., Hyd. Lift

IH No. 10 16x7 Single Disc, Comb.

Oliver 24x6 Combination Drill

Oliver 17x7 Combination Drill

MF 13x7 Comb. Drill

COMBINES:

915 Combine, Low Hours, Like New

(1) 844 Cornhead

810 15' Floating Cutting Bar

• Waiver of Finance to 9/1/82

IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform

IH 315, 2-Row Wide Head

IH 205 w/227 Head

IH 203 w/2 Row Head

IH 227 Cornhead, fits 315, 205 or 203

Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:

#8 Flail Chopper, Like New

JD 115 Forage Wagon

Gehl 800 Recutter Blower

Model BN98 Badger Blower

Gehl FBB 88 Blower

38 JD Chopper

550 IH Chopper

36 NH Flail Chopper

33 NH Flail Chopper

(2) 990 Int. Mower Cond., 9 ft.

1014 Hesston Mower Cond.

420T Hesston S.P.

NH 479 Haybine

NH 276 Baler with Thrower, Real Nice!

MF DEO-20 3 pt. Hitch, 5 Bar Rake

1014 Hesston Mower Cond.

420T Hesston S.P.

NH 479 Haybine

NH 276 Baler with Thrower, Real Nice!

MF DEO-20 3 pt. Hitch, 5 Bar Rake

1014 Hesston Mower Cond.

420T Hesston S.P.

NH 479 Haybine

NH 276 Baler with Thrower, Real Nice!

MF DEO-20 3 pt. Hitch, 5 Bar Rake

1014 Hesston Mower Cond.

420T Hesston S.P.

NH 479 Haybine

NH 276 Baler with Thrower, Real Nice!

MF DEO-20 3 pt. Hitch, 5 Bar Rake

1014 Hesston Mower Cond.

420T Hesston S.P.

NH 479 Haybine

NH 276 Baler with Thrower, Real Nice!

MF DEO-20 3 pt. Hitch, 5 Bar Rake

1014 Hesston Mower Cond.

420T Hesston S.P.



New NH TR85 Combine, fully equipped 13' Grain Table \$58,000

NEW CASE 2290 TRACTOR Fully Equipped \$30,000

USED EQUIPMENT

JD #16A Flail

Chopper

NH #8 Forage

Wagon

Used Lawn Garden Tractors

Paul Shover's Inc.

35 E. Willow Street Carlisle, PA 717-243-2686

USED TRACTORS

FARMALL Super H

FORD 8N w/Wood Saw

FORD 3000 Diesel

FORD 5000 Diesel

CASE 1030 Comfort King Diesel

MASSEY HARRIS Triple 44 w/PS and live PTO

MASSEY FERGUSON 175 Diesel w/loader

IHC 856

JOHN DEERE 3020 Power Shift

COMING IN SOON...

FORD COUNTY SIX 4 wheel drive

JOHN DEERE 4020 w/loader

NORMAN R. SHORES TRACTOR

R.D. 5, Towanda, PA 717-265-9014

No Sunday Sales

ALL EQUIPMENT on lot DISCOUNTED - WE MUST REDUCE INVENTORY

Check deals below on selected new equipment:

	List Price	Sale Price
1086, 130 hours, radial tires, differential lock weights, cab and air	\$42,000	\$30,000

982, 106 hours, 20.8x38 tires, differential lock weights, cab and air	\$36,900	\$28,000
---	----------	----------

684 row crop, 62 hours, 18.4x30 tires, 16.1 GPM pump, 1st rear weights	\$19,311	\$15,500
--	----------	----------

Other tractors in stock and discounted 3288, 284, 584 row crop, 784 row crop w/TA

BIGGS INC.

34 Buckley Ave. Rising Sun, MD 21911 301-658-5531 Call Al or Wallace Biggs

CLIP THIS AD

WINTER

SHOP SPECIAL

Winter Tractor Maintenance 10% DISCOUNT ON LABOR ON PRE-WINTER REPAIRS

WINTER BALER CHECK UP OFFER

We will go over your baler from top to bottom to help insure a trouble-free spring season. On top of the reduced down time, you will receive a 10% discount if you sign up now...So don't delay.

TRACTOR PAINT SPECIAL

Let us make your tractor look like a new one at a 15% Savings.

Call for an estimate

Program effective

11/21/81 thru 12/15/81

AG-Industrial Equip. Co.

Rising Sun, MD.

301-658-5568 301-398-6132

215-869-3542

(This Ad MUST Be Presented To

Get Above Discounts)

CLIP THIS AD

FARM EQUIPMENT

General 9 ton 3 axle tag along trailer, good cond. \$2300

Hydro-turf seeder, powered by 1 cyl. Kohler, 500 gal. capacity, \$2000

VILSMEIER EQUIPMENT INC.

Construction Equipment Sales & Parts

Route 309 Montgomeryville, Pa 18936

Phone: 215-699-3533

FARM EQUIPMENT

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw-in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.



NEW TRACTORS

IH 284D

IH 284D 4WD

IH 484

IH 684 w/loader

IH 884

IH 384

IH 274

IH 584

IH 784

NEW CULTIVATORS

2 IH 183 4 row Vibra

tines

NEW HAY EQUIPMENT

IH 445 W balers

IH #15 bale throwers

IH 1190 9' mower

conditioners

IH 1300 7' 3 pt. hitch

mower

IH 35 rakes

NEW DISC HARROWS

IH 122 5'6"

IH 122 6'9"

IH 475 18'7"

IH 501



Uptime Service



W. HOBENSACK'S SONS
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101



HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED

QUALITY USED EQUIPMENT

Would Sell Any Tractor w/wr w/o cab. IH tractors

w/3 pt. or fast hitch.

JD 4430 cab, air, real clean tractor.

IH 986 - 38" rubber, 4 post roll guard 1 owner, 1200 hrs., clean

Farmall M w/wide front, heat houser. As good as they come.

IH 856 diesel, cab, 38" rubber, fully equipped

JD 4020 diesel, real good solid tr ~~SOLD~~

MF 1130 Diesel w/multipower rebuilt 1 yr. ago

IH 1206 WF dual pto, 3 pt. new ta.

IH 1256 nice, clean, original tractor

1968 JD 3020 D, 600 hrs. on overhaul, 16.9x38

rubber, roll bar canopy

1970 JD 3020 D Side Console 38" rubber. Clean

local tractor

IH 826 gear drive, very clean, fully eq ~~SOLD~~

IH 1066 w/yr. round cab new rubber, TA & clutch,

new last fall. Local tractor.

IH 966

Farmall M with wide front

Oliver 1850 diesel, Perkins (100 h.p.), wf, 3 pt.

AC D17 gas, clean

MF 300 quick attach combine w/cab & air, very

clean, 3 row narrow w/13' platform & pickup

reel

Gehl 3000 skid loader w/3 buckets, 360 orig. hrs.,

w/electric clutch shut off

IH 35 hyd. driven hay rake.

NH 354 grinder mixer real nice

7 or 9 tooth chisel plow, 3 pt. mtd.

MISCELLANEOUS

1 cab w/air to fit IH 06 to 56 series tractors \$600

IH & JD rear & front weights

Year round cabs to fit IH 06 to 66 series

Duals for JD & IH 34" and 38"

Box 91 New Providence, PA. 17560

Ph. 717-786-1606 &

Evenings 717-786-4899

FARM EQUIPMENT

For Sale - Bale thrower wagons, steel or wooden sides with 6 or 8 ton gears, also Zimmerman elevator in 28, 32, 36 & 40' lengths, plywood feed bins. Will deliver and install. Stoltzfus Woodwork, Rd 2, Gap, PA 17527, 1 mile north of Gap along 897, 717-442-8972.

FARM EQUIPMENT

JD 4010 diesel, cab, 814-793-4293

Chisholm Hyder snap bean harvesters w/hydraulic dump wagons, reconditioned and painted, 609-769-3183

NEW TRACTORS

JD 2940

JD 4040

JD 4440

JD 4640

NEW MACHINERY

1 - Century 300 gal. sprayer

JD 445 Spreaders N/T

1 - JD 660 Spreader N/T

2 - JD 680 Spreaders N/T

JD 235 17' Disc

JD 235 19' Disc

JD 1207 Mower Conditioner

JD 1209 Mower Conditioner

JD 1250 Plow 3x16

JD 1250 Plow 4x16

3-JD 336 Spring Tooth Harrows

No Trade

each \$995

USED MACHINERY

1974 IH 100 Hydro Tractor Motor

overhauled March 1981

2-Chisholm Rider Bean Harvesters

w/656 IHC Tractor

IHC 400 4R Planter

IHC 400 6R Planter

IH 56 4 Row Planter</



LANDIS BROS., INC

1305 Manheim Pike, Lancaster, PA 17601

Phone - 717-291-1046



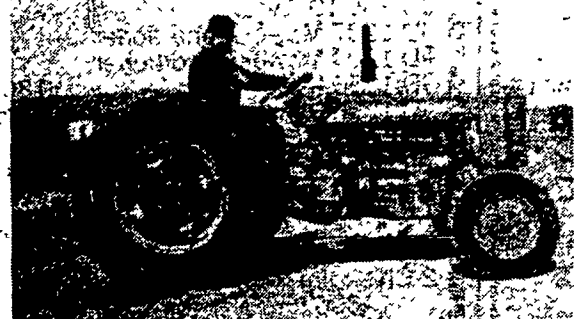
**JOHN DEERE DESIGN, DEPENDABILITY
AND DEALERS MAKE THE DIFFERENCE**

**SPECIAL JD FP WAIVER PROGRAM ON
NEW JD ROW CROP AND UTILITY
TRACTORS UNTIL 6-1-82**

**JDFP WAIVER
PROGRAM ON NEW JD
& USED CORN
PLANTERS UNTIL
4-1-82**

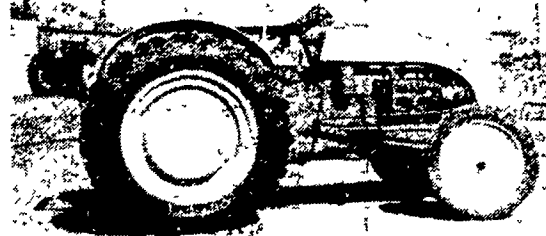
**CHECK THESE SPECIALS — CALL RIGHT AFTER
7 A.M. FOR INFORMATION & PRICES**

**SPECIAL JD FP WAIVER PROGRAM ON
NEW JD SNOWMOBILES UNTIL 4-1-82
NEW JD 200/300/400 SERIES LAWN
AND GARDEN TRACTORS UNTIL 3-1-82**



**MF 65 UTIL. DSL.
\$3900**

**SAVE NOW
ON THESE
USED TRACTORS
WITH NO
FINANCE CHARGES
UNTIL MARCH 1, 1982**



**FORD 9N
\$1150**

New Tractors

JD 4640 PS, SG JD 2440
JD 4240 Quad, SG JD 2240
JD 2940 JD 2040
JD 2640

Used Tractors

JD 2240 200 hrs.
JD 4320 w/cab
JD 1020 Ru Gas w/37 loader
JD 40T
MF 65 dsl.
IHC Cub w/mower

Used Loaders

JD 46A loader

New JD Utility Tractors

JD 750 w/MF WD w/375 Blade
JD 750 Turf T w/272 Mower
JD 650 Turf T w/160 Mower

New New Idea Uni-Equip.

743N 3-RN corn head
713 grain platform

Used New Idea Uni-Equip.

702 dsl. power unit w/cab & 767
chopper & 768 RC
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

Used Spreaders

NI 206 Gr. drive
NI 207 PTO
NH 327 PTO
JD 54 PTO
NI 213 w/Endgate
NI 214 Flail
NI 218 8½ ton w/Endgate
NI 224 10 Ton w/Endgate

New Corn Pickers

NI 325/327 2-row
NI 323 1-row

New Rotary Cutters

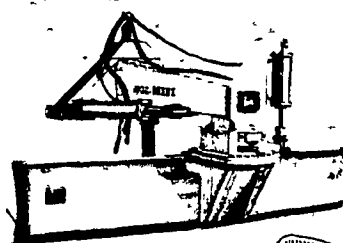
JD 506 5' util. 3 pt.
JD 606 6' util. PT

Used Combines/Corn Heads

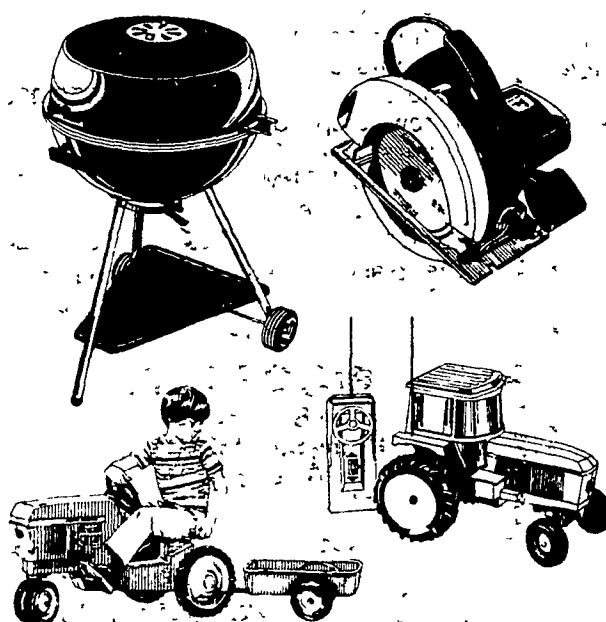
JD 7700 w/14' plat.
JD 6600 hydro. w/13' flex plat. &
643-6RN head
JD 444 corn head

NEW JD REAR MTD BLADES

Model
115 9' Extra Heavy Blade
115 8' Heavy Blade
65 7' & 8' Blades
88 7' & 8' Blades
78 7' & 8' Blades



Stuck for gift ideas?



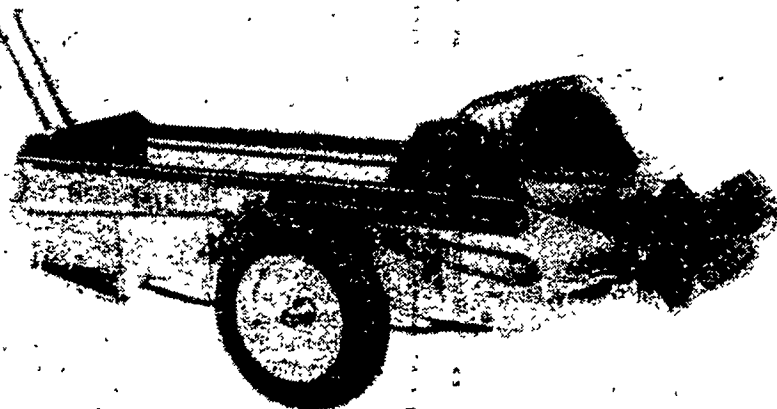
Stop in, we'll take care of you. Under one roof, you'll find toys, tool chests, lawn and garden equipment, high-pressure washers, power blowers, casual wear, barbecue grills, nylon-line trimmers... get the picture? We're here to solve all your Christmas gift problems.



SPECIAL PRICES ON USED SNOWMOBILES

	Was	Sale Price
J.D. '79 Spitfire w/cover	\$1250	\$995
J.D. '77 440 Liquifire w/cover	\$1695	\$1395
J.D. '76 340 Cyclone w/cover	\$1145	\$995
J.D. '74 600 w/cover	\$950	\$795
J.D. '73 400 w/cover	\$795	\$675
Polaris '76 TX340 w/cover	\$925	\$795
Scorpion '72 440 Stinger III	\$450	\$295

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS



**206 New Idea Spreader Available
With or Without Steel Wheels
For Shipment NOW Order Yours Today.**

CALL FOR SPECIAL PRICES

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601

Phone - 717-291-1046



FARM EQUIPMENT

2 JD sidehill combines
717-225-1469 from 7
AM-5 PM

FARM EQUIPMENT

AC WD tractor with
loader, plow, blade,
cultivators and mower,
excellent tires \$1750
301-795-9631

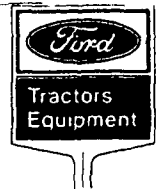
NEW SPECIALS

519 NH manure spreader
310 NH baler
165 bu. and 230 bu. gravity flow boxes
6 ton wagon chassis

USED SPECIALS

717 NH forage harvester w/2 row corn
head and pick-up head
MM 2 row picker sheller
977 Pasqualli tractor w/3 pt. and loader
1050 Bolens tractor w/42" mower
JD forage wagon

Ask for special prices on items
listed above.

EDWARDS
FARM EQUIPMENT

291 W. Moorestown Road
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

MINERAL
FEEDERS

All wood box,
18"x28" with 16 ga.
steel top.
2 compartments,
oil for face flies,
heavy all pipe,
stand, swivels full
360°

\$165.00

Free Delivery Within
30 Miles

JOHN S. STOLTZFUS

325 Beechdale Rd.
Bird-in-Hand, Pa. 17505
First Farm on Beechdale Rd. off Rt. 340
— Dealers —

Creutzburg Inc.
Paradise, PA
on Rt. 30

John C. Byler
Rt. 3 Box 234
Mechanicsville, MD



SPERRY-NEW HOLLAND

TRACTORS

Ford 8600 Dsl.
Ford 800 Select-o-Speed
Ford 3000 Diesel
Ford 4000 Diesel SU
Ford 4000 Diesel
Ford 960 Tricycle
Ford 861 Diesel
Ford 8N
Ford 9N
Ford A64 Wheel Loader,
2 1/2 Yd. bucket, 480
hrs.
Farmall M
JD 720 Dsl. w/4R Cultv.
JD 50 w/2R Cultv.

EQUIPMENT

(2) Landoll Soil Savers
11'
Glencoe 9 Tooth Chisel
Plow
Glenco 12 tooth chisel
plow
Ford 4500 Backhoe /
Loader, Excellent
(2) Ford (Demo) Skid
Loaders C-130, C-140
Massey 82 Combine
w/2R Corn Head
New Class Combine w/4
Row Corn Head
NH 519 Sgl. Btr.
Spreader
NH 516 sgl. btr.
spreader
JD spreader
6 Used Balers
14' Schwartz Dump
Body w/winch
Lawn & Garden
Tractors w/Mowers

New
Holland
Skid Steer
Loaders
At Last
Year's
Prices

CHARLES S.
SNYDER INC.

RD 3 Tamaqua, PA
18252
Phone: 717-386-5945

FARM EQUIPMENT

FARM EQUIPMENT

Used Tractors:

John Deere 4520, 4430, 4320, 4030, 1520, 2030
w/loader, 2510, Large Selection of 4010's, 3020,
3010, 60 with 3 point hitch. Farmall 1066, 966
with cab, 806, 826, 460, 450, M. H. Allis Chalmers
210, Ford 8N & 9N, 9000, 9660. MF 180, 175.

Used Combines

4400 gas Rotary screen, Massey Ferguson 300
with Quick Tach heads (sharp) 2, 3, 4, 6 row
John Deere corn heads, 6 row IH head to fit 815
or 915. 105 corn special diesel engine, 4 row corn
head.

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427
engine, 5 spd. trans., 2 spd. rear. 1971 In-
ternational 1800 with new 14' Body & hoist. 1975
GMC, 5 sp., 2 sp. rear, 366 motor w/air brakes,
new 16' body & hoist. 1977 GMC cab & chassis.
Ford Louisville w/24' Schwartz roll back,

Used Plows & Disks:

1450 John Deere 7 Bottom. Large selection of
John Deere 5, 6, & 7 Bottom. Athens 21' Hyd.
Fold disk. IH 470 18' Disk. Large selection of
smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950
mulcher. Brillion 18' spring tooth on rubber.
Used year around cab for IH 766-1566. Large
selection of Fox choppers & head. Good supply
of Fox Parts. Fox 3RN corn head, NI 3RN head
for chopper. New Fox flail attachment. New
Gehl, Fox & Badger Equip. Gehl 95 mill. John
Deere 1240 Plate & Plateless corn planters.
Over stocked on lids for Hawk spreaders, exc.
cond. JD model 2500 6 btm. 18" auto. reset
plow. GSI grain bins and augers.

NI Corn pickers: 2 row wide & narrow
Knight big augie 16, mixer feeder wagon
w/electronic scales, used 4 seasons. Special
price on new Keewanne 20' hydraulic fold disc
harrow

D & R EQUIPMENT INC.

Ringoes, New Jersey
(201) 782-5082

The Time Is Right
The Price Is Right!!

Used Equipment Specials...

★ SAME
AS NEW!

★ GOOD
AS NEW!

★ RUNS LIKE NEW!

USED MODEL CL 30 FORD
SKID LOADER

New 30 HP Air Cooled Wisconsin Motor,
All Standard Equipment, Wide Flotation
Tires, 13 Cu. Ft. Utility Bucket, A-1
Condition...

\$6995

USED MODEL CL 40 FORD
SKID LOADER

Ford 40 HP Industrial Water Cooled
Motor, All Standard Equipment, 60"
12 1/2 Cu. Ft. Utility Bucket With Teeth,
Sold New June 1980, A-1 Condition...

\$7900



Call Ray, Mitch
or Walt...
(301) 734-7722
or
(301) 879-1434

Sales & Service On:
• Ford • New Idea • New Holland •

WALTER G. COALE, INC.

2849-53 Churchville Rd.
Churchville, Maryland

USED TRACTORS

JD 4040 w/Cab Ferguson 30 w/
JD 4430 w/Cab Snow Blade
JD 2840 IH 300 w/Loader
JD 2640 w/Loader Ford 4000
MF 135 Ford 3000D
JD 1520 w/Loader

USED EQUIPMENT

JD 6620 Side Hill Combine w/6 Row Corn
Head
Massey Harris 82 SP Combine
(2) New Idea 10-Ton Spreaders
JD 1240 Corn Planter
White 4-Row Corn Planter

SHOTZBERGER'S
EQUIPMENT

Elm, Pa.
Phone: 717-665-2141



Nothing runs
like a Deere

THIS WEEK'S SPECIALS

MF 1105, 720 HRS. w/CAB
NEW JD 4040 TRACTOR
NEW JD 4040 THRU 8640
TRACTORS NO FINANCE CHARGE
TILL JUNE 1, 1982

USED TRACTORS

MF 1105 w/Cab
White 4-180
IH 656 Hydro.
Case 885, 500 hrs.
JD 2840 w/Loader
JD 2840

NEW TRACTORS

JD 4240 SC, Power
Shift
JD 4040 4 Post, QR
JD 2440
JD 2240

NEW HAY & FORAGE
EQUIPMENT

JD 506 Gyamor
Mower
JD 1209 Mower Con-
ditioner
NH 718 Fg.
Harvester
JD 3940 & 3960 Fg.
Harvester

USED CORNPLANTERS

JD 7000 No-Till
JD 7000 Conservation
JD 1240
JD 1260
JD 494A

USED HAY & FORAGE
EQUIPMENT

NH 1895 Sp Fg.
Harvester w/3
heads
JD 35 Fg. Harvester
w/N2 head

JD 3800 Forage
Harvester w/2RN
Fox 2200 Fg. Harv.
w/2 heads

NH 3RN Corn Head
JD 244 Snapper Head
for Fg. Harvester

NI Side Rake
NH 1010 Auto Bale
Wagon

NH 273, 271 & 269
Balers
w/Throwers

OMC 9' Mower Cond.
JD 1207 Mower Cond.
JD Hay Crimper

NH 1469 SP Haybine,
w/Ford Water
Cooled engine

NH 495 Haybine
NH 469 Haybines
Hesston 1010 Swing
Tongue.

JD 216 Fg. Wagon

USED TILLAGE
9 Shank Soil Saver

MISCELLANEOUS
15 HP 3 phase elec.
Motor

JD 34 Spreader w/
Hydraulic end-
gate

Davis Scat Back
Loader

JUST ARRIVED
JD 7000 4R & 6R Con-
servation Corn
Planters

NEW SKID STEER
LOADERS

Bobcat 642 & 743.

NEW SPREADERS

NH 329, 519, & 791
JD 392 Spin
JD 450 Hydro Push
Martin V Type &
Scavenger

NEW DRILLS

JD 8250 18x7
JD 8200 14x7

NEW MISCELLANEOUS

JD 335 Skid Sprayer
Most Model JD
Loaders & Blades
EZ-Flo Gravity
Boxes

CLEAN ENERGY
WASTE OIL BURNER.

Now You Can Burn Your
Waste Oil for
Heating.

Call for details.

No Finance Charge On New &
Used JD Tractors Till March 1, 1982

No Finance Charge On NH - Forage Till
March 1, NH Hay Tools Till June 1
JD Hay & Fg. Equip. Till May 1.

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103



SPERRY-NEW HOLLAND

NEW EQUIPMENT

See the New Gehl
Skid Steer Loaders
• Model 3510
• Model 4600 Diesel

Wood Calf Hutches
Available

Hesston Model 1520
200 gallon
Manure Spreader

MANURE
SPREADERS
NI 245 10 Ton
NI 244 8.5 Ton
NI 243 6.5 Ton

NI #456 Round Baler
(Demo) Available
for Rental

In Stock
Tye Pull Type
Pasture Pleaser. A
conveniently sized
tool for minimum
tillage seeding of
legumes, grasses,
small grains or
soybeans in stubble
sod, permanent or
improved pasture.

SPECIAL

\$195.00
While Supply Lasts
16" Partner Chain
Saws w/case & 4
cans 2 cycle oil

USED EQUIPMENT

USED NI
SPREADERS

12 A Ground Drive
(3) #212-146 bu.
(5) #213-176 bu.
(4) #214-206 bu.
(1) #218-300 bu. w/top
beater & hyd. gate

USED SPREADERS

(1) IH 275 bu. tandem
axle
(1) MF 160 bu.
(1) NH #510 165 bu.
(1) NH #365 tank, lett
hand unload
(1) Cobey 130 bu. like
new
(1) 213 w/top btr. &
Hyd. gate, very
good cond.

New Wic
Straw Choppers

New Ber-Vac
3 pt. 2 stage Blower
Special Price
Big Capacity

See The New
Wickless Blue
Kerosene Heater
We have them
in stock

Danhuser 3 pt.
Log Splitters

USED EQUIPMENT

Oliver Super 77
Tractor
Dion 26 btr. Fg.
Wagon

28' King Wyse
Elevator with
motor

NI #198 60' 8"
Transport PTO
Auger

JD #15 Flail Chopper
Owatonna 120 bu.
Grinder-Mixer

Ford 3 pt. 9 Tooth
Chisel Plow
w/gauge wheels

Brillion 3 pt. 11 Tooth
Chisel Plow, like
new

Model F773 Hvy.
Duty Ford Loader
w/8' bucket & V

Snow Blade w/
brackets to fit
Ford 8000 Tractor

-For Sale-

Used Corn Crib to
be removed from
our premises 1500
bu. cap. Give us
an offer.

We Rent the
Following Equip-
ment:

Skid Steer Loader
7-tooth Glencoe Soil
Saver

Log Splitter With
Motor

FEED - GRAIN -
FARM EQUIPMENT

Dial 717-867-5161 or 717-867-2613

RD#4 (Fontana) - Box 545

LEBANON, PA 17042

Also New Idea, Hesston, Gehl, Brillion, & Bush Hog Dealers

We Carry a Complete Line of Farm & Home Supplies

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

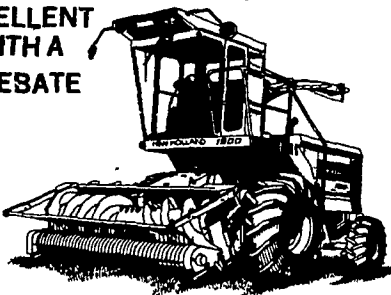
YOUR FARM EQUIPMENT, LAWN & GARDEN SALES & SERVICE STORE

ALLIS-CHALMERS

We have many programs including waiver & rebates to offer on many pieces of our new and used equipment. Call us or stop and see us for anything you may need.

Phone #'s
Lancaster 717-397-5179
Strasburg 717-687-6002

WE HAVE A
NH 1900 FORAGE HARVESTER
AT AN EXCELLENT
PRICE WITH A
\$5500 REBATE
FOR
CASH
IN
DEC.



WE HAVE A NICE SELECTION OF GOOD CLEAN USED MACHINERY

N.H. 320 Baler w/Thrower
Numerous Other Balers
(2) N.H. 1495 S.P. Haybines
Numerous Other Haybines

Gehl 600 Harvester w/2 Row Narrow
Cornhead & Pickup
Many Other Models
A.C. 200 Tractor w/Cab (Nice)
Many Other Models

L. H. BRUBAKER, INC. STARLINE



350 Strasburg Pike, Lancaster, PA WE STOCK A FULL LINE
Phone: 717-397-5179 OF STARLINE PARTS

NEW EQUIPMENT

IH 986 Tractor
#10 flail chopper \$3700
Woods rotary cutter, 6' \$900
Winco 25 KW generator w/trailer \$1850
Bush Hog 5' chisel plow \$800



USED EQUIPMENT

Ferguson tractor
Farmall A tractor
Farmall Super H, \$900
Farmall 460 gas, w/2 MH corn picker
AC gleaner combine model CII 14' grain & 4 row corn head \$7500
IH 674 diesel \$8500
IH 574 diesel utility, low hrs. \$7300
IH 544 gas hydro, new engine \$5800
NH 469 haybine \$2400
IH 400 cyclo planter \$3000
Oliver 5F 16" plow \$1150
Oliver trail plow, 3f trip, \$300
1 NH 68 baler \$800
Sheller for NI picker \$600
IH 234 corn picker
JD Model 18 corn picker
NI manure spreader \$500
72" Woods under mount mower \$500
2 IH 990 mower conditioner, \$1975
IH 234 sheller attachment \$1325
Kelly loader \$400
2 IH 550 forage harvester hay & corn head \$2700
IH 540 furrow plow, \$1100
Brillion cultipacker, like new \$950
2000 loader



DOMBACH EQUIPMENT

McAllisterville, Pa. 717-463-2191

MF

SPERRY NEW HOLLAND

USED TRACTORS

MF 1085 w/cab
MF 180
Ford Super Major Diesel

USED EQUIPMENT

Gehl 2600 Skid Loader
NH L-35 Skid Loader
NH 518 Manure Spreader
Starline Tank Spreader
USED COMBINES
(2) MF 300 Combine w/Cab, Q.A., 2-row corn & 10' grain table
JD #45 Combine w/2 heads

DECEMBER SPECIAL

New
MF 2675
TRACTOR
100 h.p., 24 speed, cab w/air and heat, 20.8x38 Tires w/front and rear weights.
At Old Price plus
15% Discount
From MF

MARLIN SCHREFFLER

Pitman, PA
717-648-1120

MEET OUR NEW ADDITION!

WE'RE PROUD TO ANNOUNCE THAT SHARTLESVILLE FARM SERVICE IS NOW YOUR AUTHORIZED DEALER FOR SALES & SERVICE OF SPERRY NEW HOLLAND PRODUCTS.

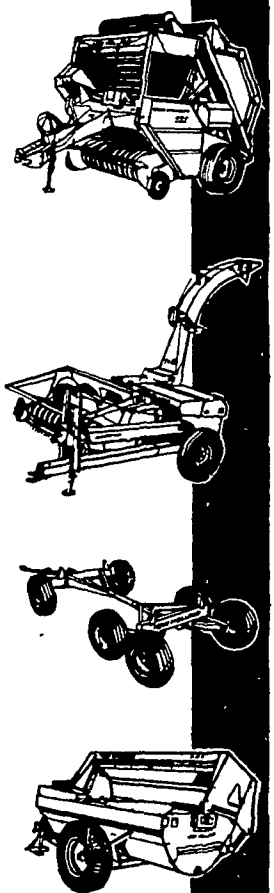
When Dependability Counts, You Deserve The Best. Now You Can Choose From North America's Best-Selling Line of Square and Round Balers, Rakes, Mower-Conditioners, Automatic Bale Wagons, Grinder-Mixers, Manure Spreaders and Forage Equipment. Plus Choose From Three Models of Famous Twin Rotor Combines and 7 Models of Skid Steer Loaders.



We Have A Large Stock of Parts, and Our Factory-Trained Specialists Have More than 100 Years Combined Experience To Give You The Best In Service After The Sale. Come In And Let Us Show You Our Modern Facilities.

SHARTLESVILLE FARM SERVICE

RD 1, HAMBURG, PA
On Old Route 22 Between Hamburg and Shartlesville
215-488-1025



HYDRAULIC REPAIRS CYLINDERS • JACKS PUMPS • CAB JACKS

BEARTOWN HYDRAULICS
New and Used Equipment
Narvon, PA
Rt. 322 Midway
between Honey Brook & Blue Ball
Phone 717-354-5649

VIEL ROCK PICKER

Shown below is Size No. 60275 with 6' swath & 2 1/4" tine spacing... the 2 Mounting Brackets and Plates with arms are for a 4 cylinder loader (2 tilt cylinders).



RUGGED 1 1/4" SQUARE SPRING STEEL TINES

No need to rely on others to pick your rocks - just hookup your Front End Rock Picker anytime and do the work of 8-10 men.

When you are finished just pull the pins or release your QUICK-TACH and set the rock picking assembly aside until you need it again.

EXCLUSIVE FEATURES

MODEL EG ADAPTS TO ANY LOADER:

- All regular 4 cylinder loaders
- All QUICK-TACH Loaders
- Skid and Uni-Loaders
- Loaders with trips
- 3 cylinder loaders (1 tilt cylinder in center) require a 3rd Mounting Bracket, Plate & Arms.

Attaches just like your bucket.

Our Patented Brackets & Mounting Plates Clamp on any place on Cross Bar to be in line with your Loader Arms & Cylinders and DO NOT INTERFERE with tines or spacings.

Backed by over 30 years experience manufacturing rock handling equipment

John J. Hoover, dealer
RD 1 Box 56, Clark Run Rd.
Blaine, PA 717-536-3597
No Sunday Sales

COMBINES

NH TR-75
Pay New Holland what we owe and it's yours.

NH 985 4R Narrow Gleaner E 2 row
John Deere 45
Massey 82

GRINDER MIXERS

NH 350
NH 352
JD 400

SHEETS BROS.

New Holland,
White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

Ivan's Rental & Leasing

SKID LOADER

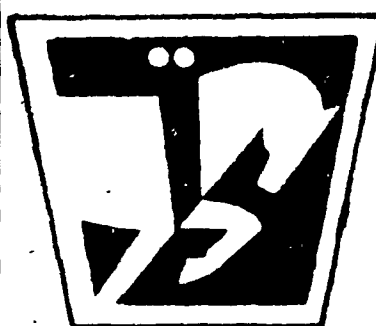
Crew Cab Pickups
Trailers

717-768-3052
RD 1, Gap, PA 17527

FOR SALE

8 KW PTO generator on wheels, \$950
Schedule 80 PVC pipe 3" & 4" Victaulic couplings.
215-286-9510

WISCONSIN ENGINES



10%
OFF

all parts
used in
engine
repairs.
Sales &
Service



ADAPTABLE TO MOST APPLICATIONS

From 13HP to 200HP

OIL COOLED WATER COOLED AIR COOLED

(1) Used SU 1056 100 H.P. \$3400

★ Will Install In Skid Loaders, Balers,
Forage Harvesters, Etc.

LUMBER JACK WOODSAWS AVAILABLE

3 Pt. Hitch, 540 PTO

SALES & SERVICE MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD 1, Bird-in-Hand, PA Ph: 717-656-6109

FREE FINANCE ON NEW
HOLLAND NEW AND USED HAY
EQUIPMENT TILL JUNE 1, 1982,
ON FORAGE EQUIPMENT TILL
AUGUST 1982.

NH 451 Mtd. 3 pt. Mower \$850
NH 256 Rake \$1145
NH 518 Spreader w/hyd. endgate. \$1875
NH 331 Spreader \$295
JD 44 Spreader \$550
IHC 550 Fg. Harvester w/pickup
& 2R Adj. Heads. \$995
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
NH 479 Haybine \$2775
MF-NI Mower Conditioner. \$1295
NH 269 Baler \$1185
NH 273 Baler \$1850
IHC 37 Baler & thrower \$950
NH 269 Baler w/thrower \$1650
JD "60" PTO Blower \$475

Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 782, 892 Harvesters and Heads
NH L35, L325 Skid Loaders
NH 310 & 320 Balers
NH Mowers, & Rakes
NH 474, 489 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 800 Flat Bed
Spreaders
3200 gal. Spreader with injector



SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

FARM EQUIPMENT



USED EQUIPMENT

TRACTORS

MF 65 gas
JD 520 sharp
IH 340
JD 70 skid loader
Case 1537 skid loader

FORAGE WAGONS

Gehl #610
JD 216
Badger 16' w/tandem
axle
3 bale wagons

MISC. EQUIPMENT

Haban corn sheller
Hesston tank spreader
NH 512 spreader
JD 737 13' rotary
JD 2450 7 btm. plow
AC 3 pt. 16' plow
IH 3 btm. fast hitch
plow
JD 350 5 btm. plow
JD 110 12' disk

SUPER SPECIAL
Badger snow blower 3 pt.
\$1350

DECEMBER SPECIAL ONLY

Hesston 2000-100
harvester \$7500 less rebate \$1500
Hesston 1070 mower
conditioner \$4500 less rebate \$300

OTHER NEW EQUIPMENT

Badger 2300 vac manure tank \$6995
JD 1710 11' mulch tiller \$5500
JD 464 flail spreader \$3975

John Deere Farming Frontiers
Jan. 8, 1982

PIKEVILLE EQUIPMENT, INC.

R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer -
Serving the Oley Valley 45 years 1936-1981

FARM EQUIPMENT



FALL CLEARANCE NEW TRACTORS

3288
786
884 R/C
584 R/C
584 Utility
384
284D 4 wd
284 w/Woods mower 72"
184 2/Woods mower

NEW EQUIPMENT

IH 80 Snowblower 3 pt
hookup
Tractor Snowblowers for
185
4140 Skid loader
720 automatic 5x18 btm.
plow
570 5x18
450 3x16
420 3x16
475 11 ft 6"
350 10 ft 3"

USED EQUIPMENT

Farmall 1066 w/cab
512 NH spreader w/hyd
endgate
510 plow 5 bottom, 16",
\$1500
475 11' disc harrow



**LAMB'S FARM
MACHINERY**
Thorndale, PA
Phone 215-269-2676

COME TO WHERE THE MIXERS ARE IN STOCK

Make every bite right.

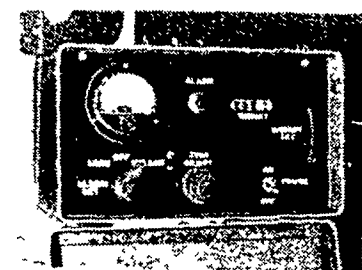
Combine
Ensilmixer®
feed mixer,
with scales,
and a
Jamesway®
TMR system.



You can increase production. Reduce feed costs. And improve labor efficiency. All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor, unloaders, conveyors and cattle feeders). Or, use it with any mechanized feeding system. Whether you prefer the stationary, trailer-mounted or truck-mounted model, it's a real profit-building management tool.

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side. Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger. Uniformly mixes even partial loads.

Precisely weighs ingredients. Accurate weighing means consistent, balanced rations; eliminates waste. Lets you calculate the amount of feed needed and mix that much. Weigh bar system is standard, electronic scales optional.



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle. And, can help make farming just a little bit better. Ask your Jamesway Power Choring dealer.

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737



**Ensilmixer®
feed mixer
from JAMESWAY®**

The performance leader... making the good life better

ATTENTION!



FARMERS & CONTRACTORS

Skid Loader
Replacement Engines
New & Rebuilt

DECEMBER SALE

Up to 40% Discount plus 2% Cash

WISCONSIN ENGINE SPECIALS

For skid-steer loaders and many other applications. Available with clutch or PTO reduction.

V465 D, 65 hp. \$1975.00
VG 4 D, 37 hp. \$1445.00
VH 4D \$1330.00
WH 4D power unit with
clutch reduction \$1550.00

DEUTZ DIESEL ENGINES

Model F 2L511 2 cylinder, 26.5 hp
at 2,000 rpm \$1750.00
Available as a power unit with SAE
housing for clutch or clutch reduction.

FACTORY WARRANTY

"AUTHORIZED SERVICE CENTER"

FISHER ENGINE SERVICE

3141 Old Philadelphia Pike
Bird-in-Hand, Pa. 17505
717-768-3729

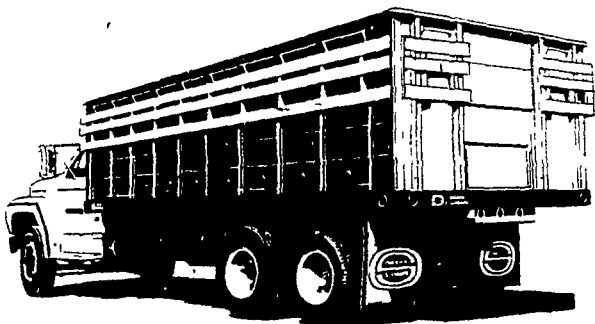
HARD WORKIN', TOUGH HAULIN' - that's OMAHA STANDARD

YOU DESERVE A TRUCK BODY / CONVERSION HOIST COMBINATION
THAT'LL GET THE JOBS DONE

Grain & Livestock Bodies

Bigger Than Ever, Better Than Ever

We've built rugged truck bodies for over 50 years and today we're continuing that tradition. That's the reason you can't make a better investment than an Omaha Standard steel, hardwood, stakeless steel or all-aluminum farm body.



Steel and Hardwood Farm Bodies

■ One-piece roll formed steel sides with built-in tarp rail. Available in 28", 40" and 52" extra-capacity heights...all with maximum corrugation for maximum-strength.

■ 40", 48" and 54" hardwood sides also available...the truck-body Omaha Standard built its reputation on.

■ The toughest platforms in the business — laminated wood, smooth steel or treadplate.

■ Easy-conversion hardwood livestock racks...greater flex and life than steel fold-down racks.

■ A full line of rugged gates...all engineered to make your job easier.

Omaha Standard Hoists

Select a job-matched, precision-engineered Omaha Standard hoist for your Omaha Standard body. Available in twelve models — scissors or the stabilized "Olympic" telescopic line. Capacities from 4 to 52 tons.

We've been a part of successful farming and ranching for over 50 years.



Aluminum Bodies

■ All-aluminum construction...splice-free 60" or 72" high vertically corrugated stakeless sidewalls...extruded outrail and tarp rail cap... "I" beam cross sills.

■ Three-section full opening rear doors and swing-out header.

■ Greater inside dimensions and light weight give you more hauling capacity and lets you save fuel while doing it.

Stakeless Steel Bodies

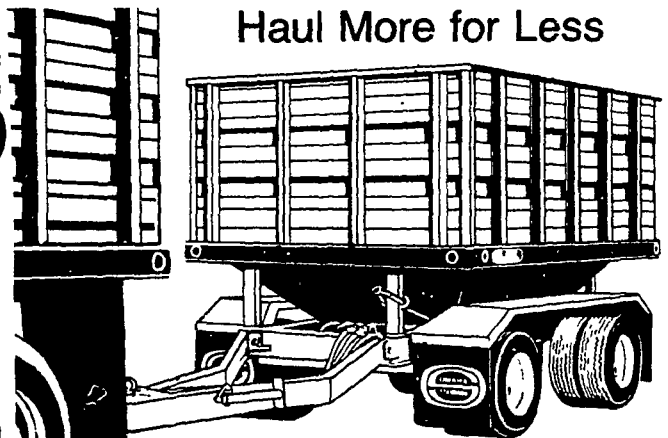


■ 52" or 60" heavy gauge sides give you more hauling capacity for grain, sugar beets and other commodities.

■ Greater inside width and length make this an ideal body for hauling bagged or palletized products.

■ Wide selection of rear gates — two or three section full opening doors, beet and silage gates.

Haul More for Less



Pup Trailer

Over the road or in the field, Omaha Standard's new 300 bushel gravity dump truck pup saves you time and money. It's designed to handle your toughest hauling needs, increase your payload and save you fuel at the same time.

CHECK THESE STANDARD FEATURES:

- 10,000# axles with hydraulic self adjusting disc brakes.
- Truck brake conversion package.
- 10 ply bias tires.
- Easy trailing with hinged tongue that's adjustable in length.
- Trailer type rack & pinion trap.
- Spring loaded truck pintle hook.
- Also available in larger capacity models.

THIS IS THE ONE BUILT TO LAST



NOTICE!

**Price Increase Effective
January 1982.**

**All Orders Placed Before
End of Year will Be
Honored At
OLD PRICE
For 1982
Installation**

COMPLETE LINE OF



POWER TAKE-OFFS
IN STOCK

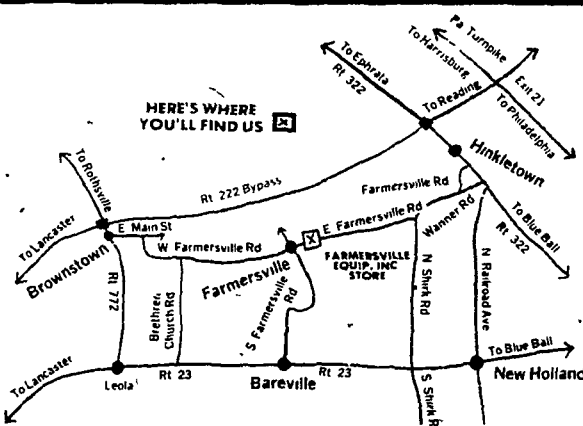
We take pride in our products ...COME ALONG FOR THE PRIDE!



**YOUR OMAHA STANDARD DISTRIBUTOR SERVING
FARMERS IN PENNSYLVANIA, NEW JERSEY, DELAWARE,
MARYLAND, VIRGINIA, WEST VIRGINIA & NEW YORK**

**Omaha Standard Hoists
Include These Quality
Features...**

- ★ Inside Cab Control
- ★ Body Props
- ★ Seamless Steel Cylinders
- ★ Pump, Reservoir, Control Valve and Guard



If you are looking for a
Truck Body / Conversion
Hoist that'll get your
jobs done, see us at
Farmersville Equipment
for Experienced and
Professional Help.

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata,
PA 17522

Located in the Village of Farmersville,
Lancaster County
717-354-4271

Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.
Thurs. to 8 P.M. Sat. till 3 P.M.



FARM EQUIPMENT

FARM EQUIPMENT

VAN DALE

- Van Dale Products
 - Silo Unloaders 10' - 30' New & Rebuilt
 - Bunk Feeders - Belt, Auger and Shaker
 - Conveyors - Auger & Single Chain
- T.M.R. Van Dale Mixer-Feeders - 4 Auger
 - Truck Mounts • 40 Cows to 400 Cows
 - Trailer Mounts
 - Stationary Units
- Liquid Manure Spreaders
 - 1500 Gal. to 4500 Gal.
 - Soil Injectors
- Liquid Manure Pumps
 - Agitator-Filler
 - Centrifugal
 - Lagoon
- Uebler Electric Forage & Grain Carts
- Uebler TMR Forage Carts
- Red Top Stainless Steel Trough Cattle Waterers
- Lancaster Stave Silos - Stave or Metal Chutes
- Sollenberger Poured Concrete Silos Top or Bottom Unloading
- Double Chain Wood Conveyors w/Slip Clutch & 3/4" Bottom
- Taper Board Feeders & Belt Feeders
- Circle Feed Supplement Bins
- Hedlund-Vaughan Chopper Pumps
- Nosseth Liquid Manure Equipment
- Leasing Available

Sales & Service

K & S INC.RD 1 Quarryville, PA 17566
PH: 717-284-3111

Hundreds of Wheel and Crawler Tractors, Ford 7000, 8000, 9000, 6000, 5000, 4000, Jubilee, 8N and 800 JD 4020, 4010, 3020, 2010 Farmall 1468, 2606, 1206, 806, 856, 706, 656, 544, 460, 400, 300, 240, MHA Cub and C MF 1130, 1100, 1080, 180, 165, 90 AC 190XT, 190, D19, D17, D14, CA B G loader Oliver 1955, 1850, 1800, 1650, 2150 Case 1030, 930, 830, 800 Deutz 10006, 5505, 5005, Moline, David Brown and Cockshut, tractors w/loaders, backhoes, skid loaders, pay loaders, forklifts, trenches, rollers, road grader, stone rakes, snow plows and blowers, rotovators, large selection of mounted pull and rollover plows, cultimulchers, cultipackers, disc harrows, chisel plows, PTO and ground drive spreaders, roller mill w/mixer, field cultivators, corn shellers, lots of 3 pt equipment, 5020 JD tractor only \$6900, 445 Long 4 wheel drive tractor, D9G Caterpillar w/blade for pan, hundreds of tractors and plenty of other equipment not listed

KEENER EQUIPMENT INC.
Intersection of Rts. 72 & 283
Lancaster, Pa. 17601
Phone: 717-569-9861

FARM EQUIPMENT

FARM EQUIPMENT

SPECIAL OF THE WEEK

Demonstrator
3000 GAL. BADGER LIQUID MANURE TANK
\$6,700

EQUIPMENT FOR SALE OR LEASE

BADGER

3,000 gal. liquid manure tank

1,500 gal. vacuum tank

205 Bushel Manure Spreader

Forage Wagons

Forage Blowers

Bedding Chopper for Mulching

Persuader Pump agitator for Lagoons

Handy High Pressure Washers

Oswalt Mix Wagons

Grain Drill with band seeder

Also:

Registered Holstein Bulls

SHOW-EASE STALL CO.573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

GOOD USED EQUIPMENT

F-1256 diesel

IH 570 manure spreader

Used Long mod. 910 diesel tractor, 710 hrs., very good cond. \$7400

Bolens model HT-20 hp w/mtd. loader w/front blade & rotary mower, good cond.

Oliver 770 diesel tractor, tricycle front end, good cond.

IH 3 btm. semi-mtd. fast hitch plow

IH #710 4 F auto reset plow

Good used lawn tractors.

55 trailing chisel plow

2 Farmall M

One Massey Harris Model 33

IH 1440 axial flow combine w/1150 hours, excellent condition.
IH 715, low hours

AMCO NEW IDEA

L.L. ECKROTH
FARM EQUIPMENT, INC.

RD2, New Ringgold, PA
717-943-2367

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS

537 E. 28th Div. Hwy. Lititz, PA 17543

717-626-6198

Outstanding Features

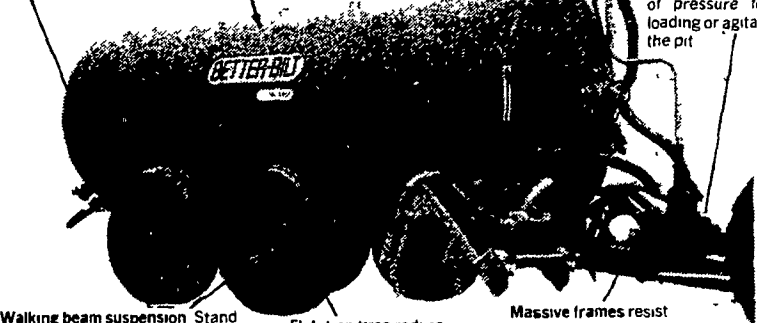
Thick walled for extra strength. No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders

Adjustable relief valve maintains uniform pressure. Prevents over pressurization of tank.

Primary Shut Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump

Big 512 cubic inch displacement pressure-vacuum pump is standard equipment. Conservation rated at 135 C.F.M. of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit

Open door models permit access for cleaning and easy maintenance



Walking beam suspension. Stand ard on 2,600, 3,150, 3,600 and 4,600 gallon models. (Optional on 1,500 & 2,100 gallon models) Front & rear wheels on each beam follow contour of the ground, provides a smooth level ride

Flotation tires reduce soil compaction. Let you spread on soft ground early in season

Massive frames resist the wrenching, twisting, jolting shocks of hard field usage year after year

USED TRACTORS FOR SALE

1 - JD 4020, good cond.

1 - Ford 4000, good cond.

Both Diesels with wide front ends

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

Special - One Only

NEW 2100 GALLON VACUUM SPREADER, TANDEM AXLE TRAILER TYPE WITH STANDARD VACUUM PUMP, 1 1/2" SUCTION HOSE AND SKID LOAD PORT.
CALL FOR SPECIAL PRICE

Special - One Only

New 3150 gal. vacuum spreader, tandem axle, trailer type w/powerful 727 C.I.D. pump, 1000 RPM, 6" suction hose and load port.
CALL FOR SPECIAL PRICE

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps



M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1 1/2 miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

WE SOLD 16 NEW MF COMBINES IN THE MONTH OF NOVEMBER. CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	
(4) MF 1 row Corn Head for 200	@ \$900.00
MF 260 Harvester 3 Row Head	
MF 260 Harvester w/Used 2 Row	\$6100.00
MF 22 Bale Thrower	\$1520.00
MF 925 9' Haybine	\$4800.00
MF 37 PT. Hay Rake	\$1650.00
(2) Farmhand F7 Hay Rake	@ \$1995.00
Farmhand M 25 Hay Rake	\$975.00
Niemeyer Hay Tedder	\$1525.00
(2) Mott 3 pt. 72" Flail Mower	@ \$1500.00
(6) Farmhand Corn Processor	\$4500.00
(6) Conveyor For-Above	@ \$950.00
MF 1050 Grinder Mixer	\$5700.00
MF 468 6 Row Cornplanter	\$2588.00
Farmhand 815 Grinder Mixer	\$4900.00

USED HAY - FORAGE & PLANTING

MF 1050 Grinder Mixer	\$4850.00
Fox 2000 Harvester 2 Row	\$1000.00
and Hay Pick Up	\$1000.00
Hesston #10 Stacker	\$3750.00
Brady 1680 Flail Chopper	\$2900.00
New Idea 315 Picker Sheller	\$1800.00
MF 10 Baler w/thrower	\$550.00
Farmhand 5 Wheel Rake	\$600.00
MF 12 Baler	\$1100.00

TRACTORS USED

MF 1155 8 Sp.	\$11,000.00
MF Super 90 Diesel	\$3900.00
MF 1085 M P.	\$8200.00
Case 1370 Cab	\$14,000.00
Case 990 w/Loader	\$9500.00
MF 6 Riding Mower	\$350.00
MF 33 Wheel Loader	\$9000.00
NW 71 Skid Steer	\$8000.00
MF 14 Lawn Tractor	\$1475.00
JD 2840	\$12,500.00
White 2-150	\$14,500.00
IHC 856	\$8200.00

DEMO TRACTOR

MF 2775 24 Sp	\$29,000.00
MF 2745 24 Sp	\$28,500.00
MF 255 M.P.	\$12,200.00
MF 255 8 Sp. Hi Cl.	\$11,900.00
(2) Ind 20C Tractor Cabs	@ \$1500.00
MF 220 - 4 Tractors	\$7,900.00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	\$230.00
(4) York 7' Scraper	@ \$250.00
York 7' Scraper	\$500.00
York 8' Scraper	@ \$550.00
York 8' #75 Scraper	\$850.00
MF 226 Scraper (3)	@ \$460.00
MF 8 10 Ton Gear 11L	\$1140.00
MF 7 8 Ton Gear	\$775.00
MF 86 12 Ton Tandem Gear	\$1525.00
EZ Pincor Gear	\$250.00
MF 5 Ton 5th Wheel Gear	\$300.00
EZ 672 6 Ton Gear	\$675.00
EZ 872 8 Ton Gear (3)	@ \$830.00
EZ 1074 10 Ton Gear	\$1050.00
MF 216 Q.A. Loader	\$1750.00
MF 32A Loader	\$3500.00
Dunham 22 Loader (2)	@ \$2550.00
Danuser Post Hole Digger	\$875.00
Little Giant Corn Drag	\$780.00
EZ 170 Bu. Gravity Box (2)	@ \$530.00
EZ 220 Bu. Gravity Box	\$900.00

USED MISC. EQUIP.

New Holland Tandem Axle Spreader	\$2000.00
Fert. Drill	\$125.00
Fontana Loader	\$800.00
Century Sprayer	\$1250.00
Century Sprayer	\$975.00
7' Snow Blower	\$600.00

USED CORN HEADS

MF 83 8 Row 30" (2)	@ \$7000.00
MF 63 C 6 Row 30" (2)	@ \$2500.00
MF 63 6 Row 30" (4)	@ \$2100.00
MF 44 4 Row 38" (2)	@ \$3500.00
MF 44 4 Row 38" (9)	@ \$2500.00
MF 44 4 Row 38" (3)	@ \$2100.00
MF 43 4 Row 30" (1)	@ \$2500.00
MF 33 3 Row 30"	\$2500.00
MF 24 2 Row 38"	\$2200.00
MF 422 4 Row To Fit 510	\$1200.00
MF 621 4 Row To Fit 510	\$1200.00
MF 322 3 Row To Fit 410	\$200.00

USED COMBINES

MF 760 V8 Hydro Grain & Corn	\$48,500.00
MF 760 V8 Hydro 16' Grain	\$34,000.00
MF 760 6 Cyl. Gear 16' Grain	\$19,000.00
MF 510 D 3 sp. Grain Table	\$12,500.00
MF 510 D Hydro Grain Table	\$14,500.00
MF 300 QA-Grain & Corn	\$9000.00
MF-300 Gas 13' Grain	\$3100.00
MF 80 Combine	\$600.00
MF 760 Hydro with 4 wheel drive	
IH 315 Gas Grain & Corn	\$7900.00
IH-303 Gas Grain & Corn	\$3900.00
New Idea 315 Sheller Unit	\$900.00
JD 95 Gas 13' Grain 3-30 Corn	\$9200.00
NI 708 Dsl. Hydro Uni Systems w/13' Grain Table & 4 Row 30" Corn Husker	

USED GRAIN TABLES

MF 14' w/P.U. Reels (5)	@ \$1900.00
MF 14' w/P.U. Reels (1)	@ \$1200.00
MF 15' w/P.U. Reels (2)	@ \$2700.00
MF 15' w/P.U. Reels (2)	@ \$1500.00
MF 16' Float Bar	\$2100.00
MF 16' Offset w/P.U. Reel	\$1200.00
(12) 13'-15'-16 P.U. Reels	@ \$75.00 - \$250.00
12' & 14' Pincor to QA. (3)	\$500 - \$1200.00

NEW & DEMO PLOWS & TILLAGE

(2) MF 43 2-14 Plow	@ \$1060.00
MF 129 3 pt. Chisel Plow	\$1375.00
Amco F17 32 Disc Harrow	\$5200.00
Dunham 8 Tooth Chisel Plow	\$1600.00
MF 730 Disc Harrow 10'	\$4950.00
Yetter 15' Rotary Hoe	\$1850.00
Dunham 14' Cultipacker	\$1350.00
MF 428 4-38 Cultivator	\$1250.00
MF 428 4-38 Rolling Cultivator	\$1550.00

USED PLOWS & TILLAGE

IH 550 5 Btm Plow	\$1500.00
MF 880 4 Btm Plow	\$3500.00
MM 6-16 Hyd Reset Plow	\$2350.00
Glenco 9 Tooth Chisel Plow	\$3700.00
Dunham 3 pt. 10' Chisel Plow	\$1600.00
Case 36 Disc Harrow	\$1550.00
Brady 12' Field Cultivator	\$1200.00
Transport 9' Disc Harrow	\$475.00
Tandem 20 Disc Harrow	\$250.00
2 Btm Trailer Plow	\$75.00
JD 3 Pt. 4 Row Cultivator	\$500.00

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows
ANVILLE BODY CO.
 P.O. Box 217, R.D. #3
 Annville, Pa. 17003
 Phone 717-867-4631

FARM TRACTORS
 JD 4010 diesel, cab
 JD 2520 side console
 JD 2020 diesel
 AC 210 diesel
 AC D17 diesel
 AC WD 45
 JD 3010
 JD 730 diesel
 JD 720 diesel
 JD 630
 JD 530
 JD 50
 Ferguson 30
814-793-4293

USED EQUIPMENT
 Ford 3600 8 sp. diesel, w/730 loader
 Ford 6700, 16 speed
 (2) Ford 9000, Both Very Good
 Ford 7600, 1400 hrs., excellent
 Owatonna 1700 Skid Steer Loader New
 Short Block, very good
 Several good semi mount. plows
 Ford 9600 cab, air and duals
 Ford 881 diesel w/loader



DUFFY FORD TRACTOR, INC.
 Rt. 404-1/2 mile East of Rt. 50
 Wye Mills, MD
 301-820-2000

FARM EQUIPMENT

Poly-glass fertilizer storage tanks
 11 sizes up to 6000 gallons
 Cone-bottom tanks from 250 gallon to 2500 gallons
 Early order discount until December 15, 1981
Thomas Bachman & Sons
 2501 Fallston Rd.
 Fallston, MD 21047
 301-836-6877 or 557-7529

MESSICK FARM EQUIPMENT PARTNERS in AGRICULTURE



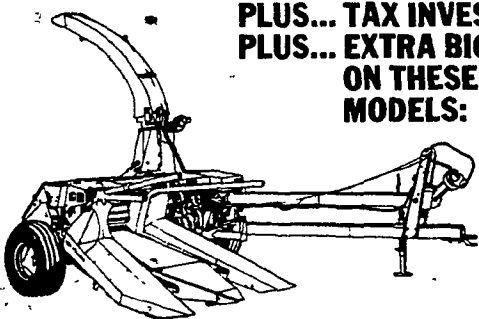
See The NEW INTERNATIONAL SERIES 88 TRACTOR

Waiver of Finance on all AG TRACTORS till MARCH 1, 1982

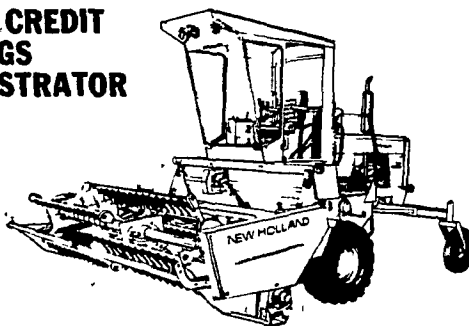
ASK US ABOUT IH COMMODITY CASH BONUS ON ALL NEW IH TRACTORS & EQUIPMENT

YEAR END REBATE SAVINGS on ALL HAY & FORAGE EQUIPMENT

PLUS... TAX INVESTMENT CREDIT
 PLUS... EXTRA BIG SAVINGS ON THESE DEMONSTRATOR MODELS:



HEAVY DUTY FROM HITCH TO SPOUT: NEW HOLLAND MODEL 782 FORAGE HARVESTER
 With 2 Row Corn Head
 ★ \$900 Rebate through December from Sperry New Holland



NEW HOLLAND MODEL 1495 HAYBINE MOWER-CONDITIONER
 ★ \$1600 Rebate through December from Sperry New Holland

DON'T FORGET: YEAR END DOLLAR DIVIDEND DAYS UP TO A BIG \$5500 REBATE ON NEW HOLLAND HAY & FORAGE EQUIPMENT

CHECK OUT THESE SPECIAL PRICES ON SKID LOADERS & SPREADERS

NH 519 Spreader, Hyd. Gate, Splash Guard, Excellent Condition... \$3,495⁰⁰	NH Model L425 Skid Loader, 30 H.P., Excellent Condition, Low Hours, Only... \$8,995⁰⁰
New Idea Spreader, Model 217, Hyd. Gate, Cylinder & Hoses, Very Good... \$2,650⁰⁰	NH Model L775 Skid Loader, 60 H.P., Low Hours, New Condition, Only... \$12,000⁰⁰
NH 362 Tank Spreader, Excellent Condition... \$1,395⁰⁰	Skid Loader Trailer, Tandem Axle With Brakes & Lights... \$1,250⁰⁰
Badger 160 Spreader, 175 Bu., Single Beater, Like New... \$1,175⁰⁰	

GOOD CLEAN USED EQUIPMENT

NH Model 850 Round Baler	Twin Rower to Pull 2 Rakes	Oliver 3 Bottom Plow
NH 519 Spreader, Hyd. Gate, Ex. Cond.	IH 3/ Baler w/ Thwr.	IH 531 Plow
NH 510 Spreader	NH 275 Baler w/ Thwr.	IH 9A Disc Harrow
NI 214 Spreader w/ Tailgate, Excellent	NH 489 Haybine, Ex.	JD KBA Transport Disc Harrow
NH 362 Tank Spreader	NH Model 495 Haybine, 12 ft. ex.	Ford 8' 3 pt. Disk Harrow
Badger 180 Spreader	NH 276 Baler w/ 58 Thwr.	Grove Forage Box Wagon, Ex. Cond.
Several Used Cub Cadets	1200 Gal. Aluminum Sprayer Tank	NI Hay Rake
IH Model 234 Mtd. Corn Picker	JD 494A, 4 Row Planter	Fox 3310 Harvester, Super Excellent Condition
NH 770 R2 Corn Head	JD 10 Ft. Cult. Mulcher	IH Model 510 16x7 Grain Drill, Ex. Condition
NH Self Propelled 818 Diesel Harvester	JD 12 Ft. Cult. Mulcher	Skid Loader Trailer, Tandem Axle With Brakes & Lights
IH 650 2 Row Cornhead and Pickup Attachment	JD 1209 Mower Conditioner	
	IH 7 ft. Sickle Bar Mower, Good Condition	

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA

PHONE: 717-367-1319, 653-8867

WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762

★ WE SHIP UPS



USED MACHINERY
 AC WD tractor
 AC 185 w/loader, reconditioned
 656 IH w/loader
 885 diesel David Brown orchard tractor
 4030 JD w/cab
 2- Hydromac Skid Steer Loader
 AC C comb w/4 row corn head & 13' grain head
 Gleaner L combine w/15' grain hd., 4 row narrow corn hd.
 83 Mass combine grain harrow w/2 heads
 IH 440 baler w/thrower
 Hesston 500 SP mower cond.
 NI 272 conditioner
 IH 990 mower cond.
 NH 1010 bale wagon
 White 5 btm. hyd. reset plow
 Oliver 4 btm. hyd. reset plow
 MF 3 btm. hyd. reset plow
 NH 717 forage harvester on 1 row hd.
 IH 555 forage harvester w/2 hds.
 237 JD mounted pickers
 702 power unit and chopper and choice of heads
 NI 708 power unit
 737 Husking unit
 731 4 row head
 717 combine
 713 platform
 744 4 row head
 NH 718 with new 1 row, head or 2 row and pickup
 AC 6' pull type rotary mower
 JD 36' elevator w/motor
 Taylorway 8' disc

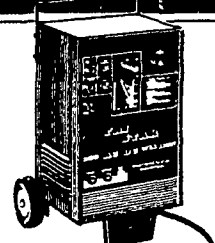


PO Box 37 (Rt. 74)
 Airville, PA 17302
 717-862-3358 or 862-3967
NEW MACHINERY
 Hesston
 7150, 7160 (Attaching heads for all)
 16' forage wagon
 Round Balers: 5540 & 5580
 Bale movers
 4600 baler w/thrower
 Mower Conditioners: 1071, 1091
 New 7600 Field Queen harvester, & all attaching heads
 Allis Chalmers
 5040
 5045
 5050 w/4 wh. drive
 5050 orchard tractors
 175 SOLD
 6080
 6080
 6060 4 wh. drive
 Discs: 2300, 2500 & 2600 series
 New M2 corn plus combine
 FKS Combine
 Kubota
 B 6100 w/4 wh. drive
 B 6100 HST 4 wh. drive
 B 6100 HST 2 wh. drive
 B 7100 HST 2 wh. drive
 L 345 4 wh. drive + loaders, mowers, accessories
 Bobcat
 530
 743
 310
 New Idea
 Uni System Plats.
 Combine
 Chopper
 1 row pickers
 2 row pickers
 Elevators
 Allied
 GT grain dryer
 Moore no till drill



Let Us Know Your Service Problems
HOOVER DIESEL SERVICE
 PH: 717-656-6133
 2998 West Newport Rd.
 Ronks, PA 17572

TRI STAR™ 230 AMP AC 140 AMP DC WELDER



110-114-001 TRI STAR™ AC/DC Welder (shown with optional wheel kit)
 • Up to 100% Duty Cycle
 • Quick Twin Grip Amperage Control
 • Operates all types of AC and DC Electrodes, including Low Hydrogen
 • Optional Wheel Kit Available
 • Helmet, Cables and Accessories Included

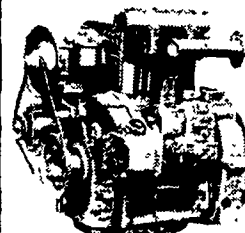


FARMERSVILLE EQUIPMENT INC.

Ph. 717-354-4271

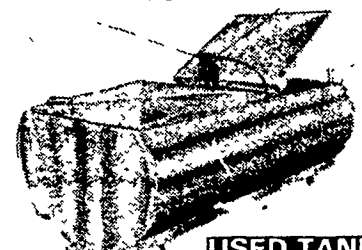


Best Because They Last



HOW TO OUTSMART THE HIGH COST OF FUEL?
 GO WITH MURPHY
 AIR-COOLED DIESELS - 20 HP to 112 HP

MUELLER BULK MILK TANKS



USED TANKS:

300 Gal. Girtan
 400 Gal. Girtan
 300 Gal. Sunset

■ FRICK, COPELAND and TECUMSEH COMPRESSORS

■ EGG ROOM COOLERS, KOLD-HOLD PLATES or BLOWER COILS

SULT'S REFRIGERATION SERVICE

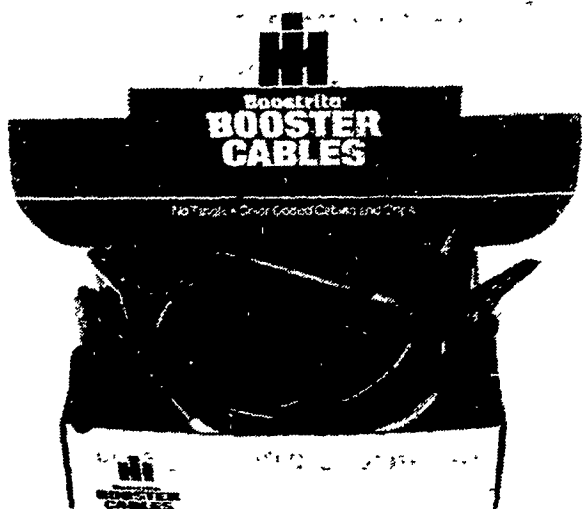
Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd., RD 1, Gordonville, PA 17529
 ★ 24 HOUR REFRIGERATION SERVICE ★ NEW PHONE NUMBER: 717-768-7118



There's room under your tree for these Fine Gifts

A splendid way to play Santa...
with battery booster cables

IH battery chargers: Starting power for every need!



With heavy duty clamps, 549 087 C92

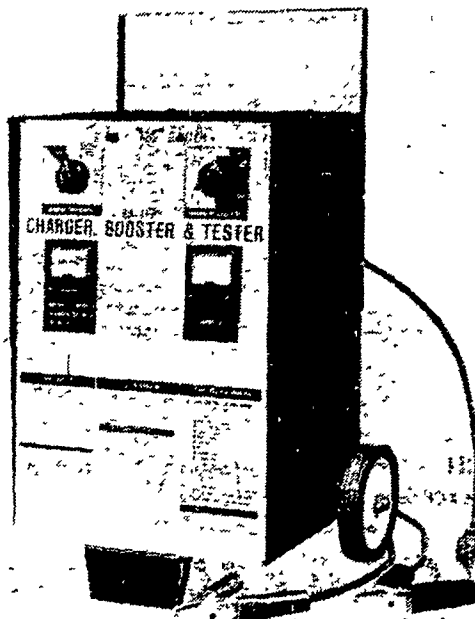
Special \$10.95
Savings \$3.55

With larger mechanic's clamps,
549 293 C92

Special \$16.49
Savings \$5.51

Features of both sets:

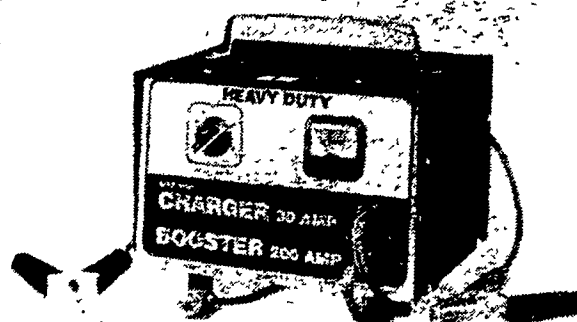
- Both sets have clamps that can be used on top or side posts.
- Color coded no-tangle 12-ft. cables and clamps.
- Copper plated steel jaws.
- Insulation flexible to 70° below.
- All copper wire for better conductivity.



80-amp battery charger, booster and tester

- Charges to 80 amps, boosts to 300 amps.
- Tests alternators, battery charge; 7 other tests.
- Exclusive dual meter design.
- Timer.
- Rugged construction.
- Part number, 1131 855 R1

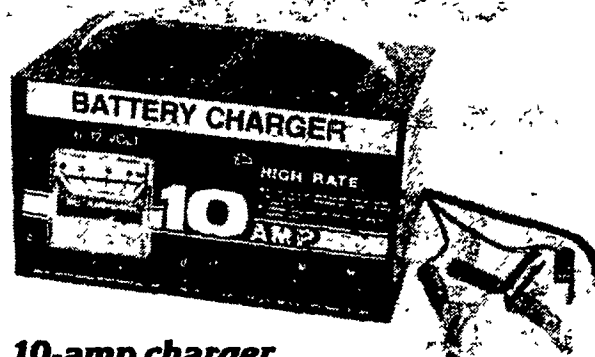
Special \$189.95
Savings \$81.74



30-amp heavy-duty charger and booster

Fast charge delivers 30 amps, slow charge 5 amps. Booster up to 200 amps. 407 391 R92.

Special \$99.95
Savings \$41.31

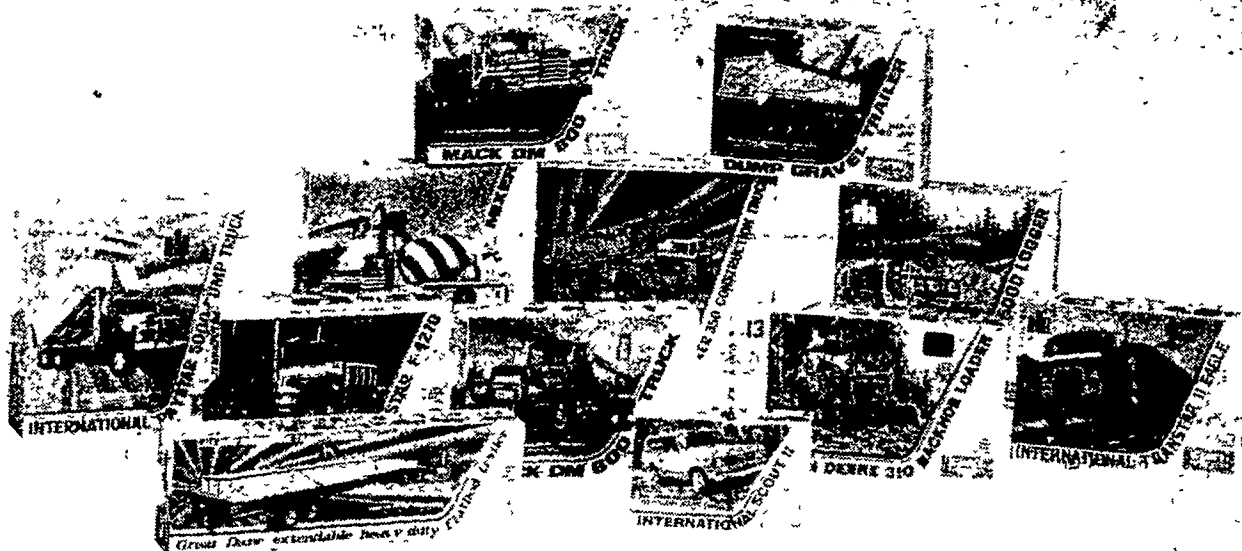


10-amp charger

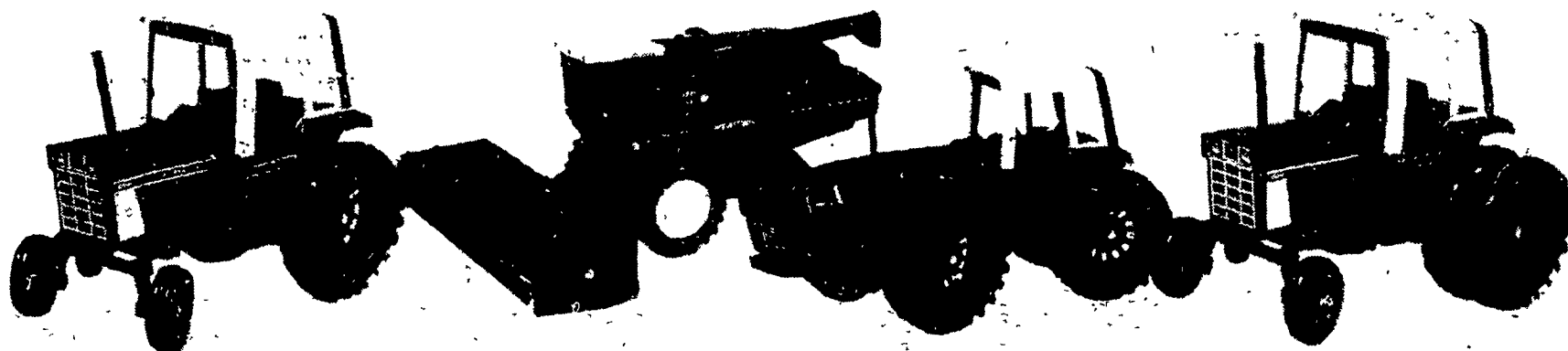
This household and utility 10-amp charger is an excellent choice for home and farm. 407 389 R92.

Special Price \$44.95
Savings \$14.79

50% OFF
ALL MODELS
IN
STOCK



Fun Gifts For The Future Farmers In Your Family



20% OFF ALL TOYS IN STOCK

C.B. HOOBER & SON INC.

INTERCOURSE, PA

717-768-8231



United Parcel Service



★ CALL US - WE PROBABLY HAVE IT ★ WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR-FREIGHT-ETC.

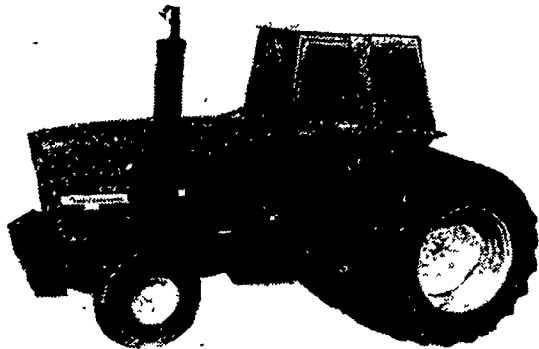
**CAN
YOU
BELIEVE?**

YOU CAN OWN ONE OF THESE QUALITY USED TRACTORS

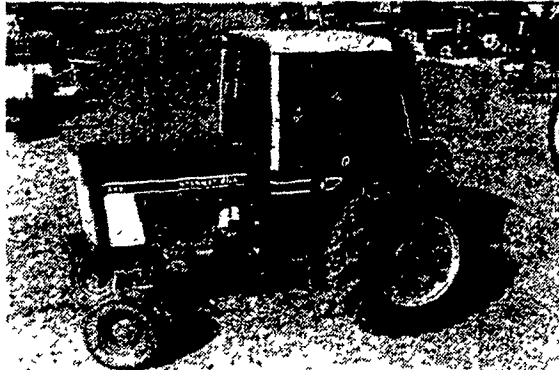
BY MAKING A SMALL DOWN PAYMENT NOW...

**NO INTEREST
UNTIL 3-1-82**

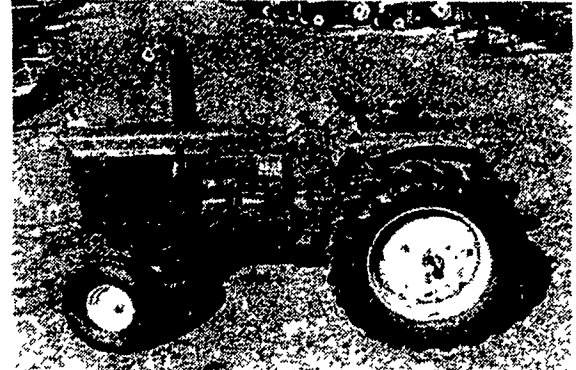
**NO PAYMENT
UNTIL 4-1-82**



Allis-Chalmers 7060D w/Cab & Air, Dual 20.8x38

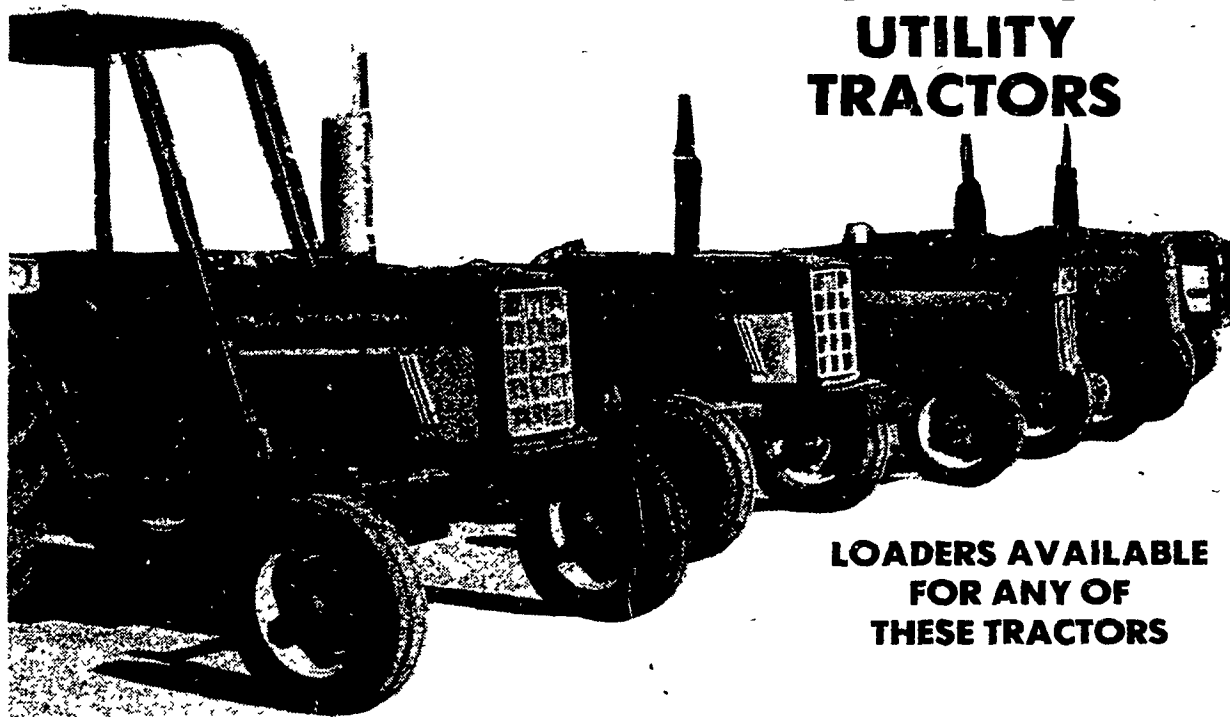


IH - F886D w/cab & air, 18.4x34 tires, excellent, 1000 hours.

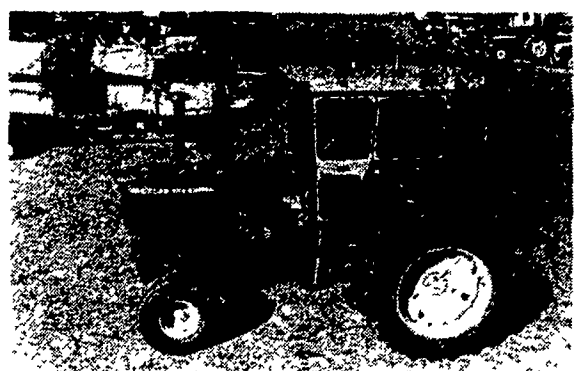


John Deere 4620 Diesel, 20.8x38 Tires

CHOOSE FROM ANY OF 6 EXCELLENT RECONDITIONED UTILITY TRACTORS



LOADERS AVAILABLE
FOR ANY OF
THESE TRACTORS



John Deere 4620 Diesel, Cab w/air, Dual 20.8x38 Tires

**FOR MORE
RECONDITIONED
TRACTORS SEE
LIST BELOW**

USED TRACTORS

6432 IH F1586D w/Cab
6561 IH F1566 w/Cab
6594 IH 4366 4WD
6580 IH F1086D w/Cab
6530 IH F1066D w/Cab
6452 IH F806D
6879 IH F686D, 986 Hours
6186 IH F656D Hydro
7073 IH I574 Gas Utility
6998 IH I574D Utility
6702 IH F544D Hydro
7080 IH F560G
6999 IH I444 Diesel Utility
6687 IH Farmall H
7059 IH Farmall M
7058 Steiger ST-251 Cougar III, 326 Hours
6510 Ford 4000 Su Diesel Utility
7009 Deere 4630 Duals & Cab, 1605 Hours, Powershift
6757 Deere Model A
7025 Deere 4620
7061 Case 430 Diesel
7027 Case 1170 w/Cab
7078 IH F1066D
7168 IH F1066D
7180 IH F856D w/Cab
7200 IH F686D w/Cab

WAIVER of FINANCE UNTIL 9-1-82

ON ALL NEW & USED COMBINES
★ WAIVER REBATE AVAILABLE ON ALL NEW COMBINES IF YOU DON'T TAKE WAIVER OF FINANCE

RECONDITIONED COMBINES

6898 IH 715 Diesel Hydro, 1979, 300 Hours, Air, Monitor, Straw Chopper, 4 Row Narrow Cornhead
5373 MF 300 w/2 Row Cornhead 13' Platform
6098 NH 975 Gas w/2 Row Cornhead & 13' Platform
7098 1978 New Holland TR-70 780 Hours, Ford Diesel Engine, Gear Transmission, Air, Straw Chopper, 4 Row Narrow Cornhead & 15' Platform
5742 1975 IH 915 Hydrostatic, Diesel, 1000 Hours
6978 1975 AC Gleaner FKS Diesel Engine, 438 Cornhead & 13' Platform
7223 JD 3300 Diesel w/13' Grainhead
7222 MF 510 Combine Diesel w/6 Row Head & Platform

USED CORNHEADS

6836 IH 883, 8RN
5966 IH 844, 4RW
7064 IH 863, 6RN
6474 IH 844, 4RW
5817 IH 744, 4RW
9493 IH 744, 4RW
4147 IH 744, 4RW
4221 NH 4 Row Wide (Late Model)
3641 AC GKS 44
5887 AC 6 Row Narrow, L

USED GRAIN HEADS

7062 IH 820 Flex 17½'
6803 IH 820 Flex 15'
6899 IH 820 Flex 13'
5799 IH 810 Flex 15'
4639 IH 810 Flex 15'
7000 IH 810 16.5'
5524 IH 810 15'

USED DISK HARROWS

6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk, Rebuilt
5393 MF 18' Offset Disk
6651 Deere 210 Disk 12'
6449 Krause 1428 Rock Flex 25'
6021 Krause 1928 Rock Flex 25'
5828 IH 470 21' Disk
5440 J.D. KB Disc Harrow
5538 Pittsburgh 10' Disk w/cyl
6025 Dunham 12' Packer
6720 Sunflower H2 - 14' Disc offset
6798 IH 350 Disc
6660 IH 370 Disc
6533 Oliver 252 Disc
6918 IH 350, 12' Disc
6535 JD 310, 12'

ASK OUR SALESMEN ABOUT IH
COMMODITY CASH BONUS ON ALL
NEW IH TRACTORS AND EQUIPMENT

coming...
**YEAR END
USED EQUIPMENT SALE**
Watch Next Week's Issue For Photos!

ALL NEW & USED
PRODUCTS BACKED BY
**HOOBER PARTS
& SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION



VISA



FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

SPERRY
NEW HOLLAND

USED EQUIPMENT

TRACTORS

Oliver 770
Oliver 1650
Oliver 1850

HAYTOOLS

NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 270 Baler w/Thrower
NH 846 Round Baler
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond.
NH 467 Haybine
NH 469 Haybine

SKID LOADERS

NH L-35, 358 Hours
Bobcat M600

TILLAGE - PLANTING

White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
JD 1240 4-Row w/Monitor
Ontario 16-7 Grain Drill, 1 Yr. Old
IHC 16' Cart Harrow

FORAGE TOOLS

NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head

CORN PICKERS & COMBINES

NI 324 2-Row w/12 Roll Bed

SPREADERS

JD 54 Spreader
NI 212 Spreader
NI 214 Spreader
NH 510 Spreader

NEW EQUIPMENT IN STOCK

WHITE

2-30 Two Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor

WHITE

543 6R Planter No Till
5100 6R No Till
WHITE 254 10'4" disc

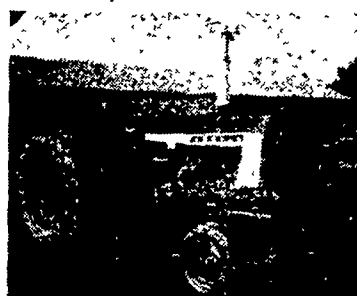
N.H. L425 Loader

N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N.H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert. Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver
Morridge 275 Grain Dryer

SPECIALS

Woods M5 3 Pt. Rotary Mower '675
Woods M72 PC 3 Pt. Rotary Mower '895DUNHAM-
BRILLION-
LAMCO-
BOBCAT-

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75DISTRIBUTOR OF
CENTRAL
TRACTOR
PARTS CO.We Sold 1977 1 Owner
1100 Hrs. Like New
\$15,800.00One Owner 1966
Bought New - Very Nice
\$6,000.00Tractors just traded on New John Deeres
Most Tractors Reconditioned & Repainted
Call about Waiver of Finance Charge & Payments

J.D. 830D 600 Hrs. 1974	\$6500.00	J.D. 950 35 Hrs. 1981	6,800.00
J.D. 2240 900 Hrs. 1977	\$13,000.00	IH 656D WF 3600 1965	6,000.00
J.D. 4030 1100 Hrs. 1977	15,800.00	IH 300U	
J.D. 4010 1961	6,900.00	IH Cub w/plow-mower	
		IH 2500 w/highway mower	

Used Tractors

IH Cub 154 Lo-Boy w/Mower
IH 330 Clean
IH Farmall H
J.D. Cyclone B
J.D. MT
J.D. 430T LoadedJ.D. 420 Rebuilt Loader-Backhoe
J.D. 40 w/Highway Mower
AC B w/Mower
AC C w/2 Way Plow
Satoh 550 w/Mower
Satoh 650G w/Loader

Hay Tools

N.H. 477 Haybine 7'
N.H. 476 Haybine 7'
N.H. 67 BalerJ.D. 24T w/Ejector Clean
J.D. 336 w/Ejector Rebuilt
J.D. 9W 3 Pt. Mower

Tillage Tools

IH 20' Wing Fold Disc Model 485
IH 10' Disc 350
J.D. RWA 9'10" Good
J.D. 3 Pt. Harrow
J.D. 3 Pt. Model Y Disc Like New
J.D. 145 6B Plow
Oliver 4B Semi Plow
J.D. 45 2B Plow like new
2 Packers2 Very Good Meyers Snow Plows
Tractor Mount
Woods 7' Pull-Type Mower rotary
Woods 5' RM59 3 Pt. Mower rotary
Flat wagon
J.D. 40 Spreader Good
J.D. 6R 495 Planter
Good selection lawn tractors - snow
mobiles

ROBERT E. LITTLE, INC.

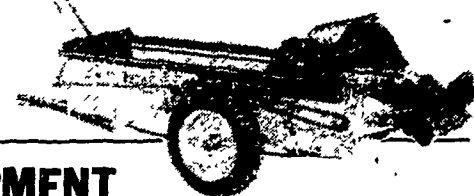
Zieglerville, PA 19492
215-287-9643

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

206 GROUND DRIVE
SPREADERS
IN STOCK

USED EQUIPMENT

TRACTORS

Case 930
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turt
AC 7040 C-A-H
AC 7080 C-A-H

DB 1200 D

MM Jet Star 3 diesel

LOADERS

Case 380
1530 Unloader
Unloader Broom
1830 Unloader
1845D Unloader

UNI-SYSTEM

701 Power Unit
702G w/combine
767 harvester
762 row crop
760 hay pickup
730 4RW Head

NEW IDEA

Manure Spreaders
212, 213, 214,
224, 218
325/314 picker sheller
323 one row picker
325/327 Picker
329 Super Sheller

FORAGE

Gehl 600 harvester
J.D. 65 blower
N.H. 1880 SP

MISCELLANEOUS

Ford 101 plow
Hesston PT.10
JD 12' Disc Harrow
NH Lime Drill
Lilliston 6' Mower

A.L. HERR & BRO.

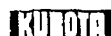
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521



Ag-Industrial Equip. Co.

ALLIS-CHALMERS

SPERRY NEW HOLLAND



TRACTORS

IH 706
AC 180 w/loader
AC 5050 w/loader
(2) AC 7000
White 2-105
MF 165 w/loader
MF 20 Trac-
tor/Loader
JD 4020

MOWER

NH 1469 w/Ford
engine
NH 495
(2) NH 279
(2) NH 479
NH 478, Excellent
(2) NH 1495 12' SP

SPREADERS

NH 382 Tank
NH 385 Tank
NH 388 Tank

HARVESTERS

NH 1895 w/4R Head
NH 880 w/2RW &
WPULarge Parts Inventory and Modern Shop
Facilities with Factory trained Specialists
to serve You Better.Sales Department: Call Ed Greenleaf
Service: Call Terry Greenleaf
1207 Telegraph Road, Rt. 273 Rising Sun, Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru Fri. 8 to 7 Sat 8 to 4
CLOSED SUNDAY

BALERS

NH 320 w/thrower
NH 268 w/thrower
NH 269 w/motor
NH 273 w/thrower
NH 275 w/thrower
AC 303

MISCELLANEOUS

NH 1000 Bale Wagon
NH 1012 Bale Wagon
NH 1010 Stack Line
Wagon
Howard Rotovator
MC 9E Rotary
Scythe
JD 750 Grinder-Mix-
er
Farmhand F85B
Grinder-Mixer
Vicon Disc Mower
NI Rake
NH 36 Crop Chopper
(2) NH 258 Rakes
JD Elevator
NH 155 Elevator
AC 2300 Disc

CORN PLANTERS

AC 600 4R w/dry fert.
AC 600 4R w/liquid
fert.
AC 6R no-till
JD 1400
IHC Cyclo
White 6 Row No till

SKID LOADERS

NH L-35
NH 775 Gas
NH 775 Diesel
NH 425 Rental

COMBINES

AC All w/2R & 3R
w/10' Platform
NH 995 w/15' Plat-
form
JD 105 w/444 Corn
Head & Grain
Head

WAIVER AVAILABLE

- ★ Waiver of Finance on New & Used Tractors Until 3-1-82 + Cash Rebates Just Announced
- ★ Waiver of Finance on All New and Used Hay and Forage Equipment 'Till 5-1-82
- ★ Waiver of Finance on All New and Used Loaders, Spreaders, Grinder-Mixers 'Till 4-1-82
- ★ Waiver of Finance on All New and Used Planters 'Till 4-1-82
- ★ WAIVER OF FINANCE ON NEW COMBINES 'Till 9-1-82 OR 13.9% FINANCING. CALL FOR DETAILS

1460 at 1950 price—WE WILL BEAT ANY PRICE ON ANY COMPETITIVE MACHINE
1440 & 1420 \$7000 cash rebateIn Stock and Ready to Go
Used 1460 combine, 900 hrs., excellent cond.
Waiver of finance available until 9-1-82!!
New wide front ends for Farmall 06, 26, 56-SeriesAN UNBEATABLE DEAL
NEW IH 720 AUTOMATIC RESET PLOW
w/COLTERS, 5 BTM. 20"
Sale Price \$6700

New Tractors in Stock at Reduced Prices

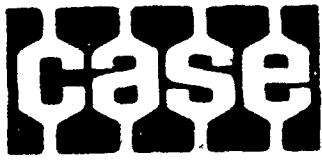
3388 MUST SELL. Call for price
986 w/cab
686 Farmall784 row crop
584 row crop
H84 row crop

USED EQUIPMENT

F-560 Diesel.
JD 2510 tractor diesel, new short block, exc.
AC D17 gas, good price.
JD 640 Hay Rake, good shape.
NH 273 baler like new fair price.IH SHIPPER'S TWINE
"Finest Twine You Can Buy !!"
Was \$28.50
NOW \$24.85

United Parcel Service

M & R EQUIPMENT, INC.
NEW PARK, PAPh: 717-993-2511 - 717-246-1972
(After 6 P.M. Call: 301-452-8693)



BINKLEY and HURST BROS. INC.

Invites You To Our Annual

DISCOUNT CASH and CARRY DAYS

DECEMBER 14 through 24, 1981

YEAR END 10%
INVESTMENT CREDIT
AND OUR SAVINGS
WILL HELP PUT \$\$\$
IN YOUR POCKET

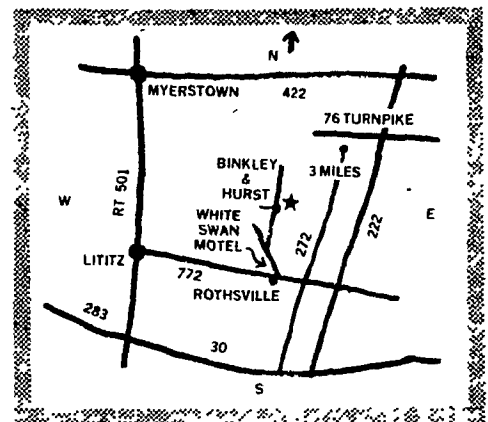
LOCATED AT:

133 ROTHSVILLE STATION ROAD
LITITZ, PA 17543

Hours: Daily 7 A.M. to 5 P.M., Tues. & Fri. till 9
Sat. till 4. Sale ends Thurs., Dec. 24 at 12:00 Noon

FREE REFRESHMENTS
ALL WEEK

For Your New And Used Machinery
Needs Don't Miss The Many Discount
Machinery Specials Listed Below & On
Following Pages!
Not Responsible For Typographical Errors



FARMER FRIENDS... DID YOU KNOW?
For the well being of your tractor transmission
components you should change its oil **AT LEAST**
ONCE A YEAR or EVERY 1000 HOURS, whichever
comes first.



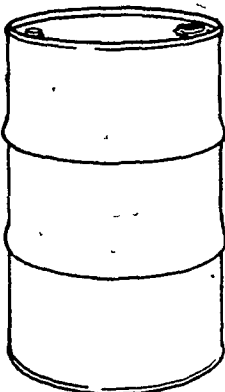
MOTOR
TRANS
HYDRAULIC

**OIL
NOW!**

25% OFF Cash & Carry Discount

We Received A Truckload of Oil And Are
Passing The Savings On To You
DISCOUNT PRICES ON DISCOUNT DAYS ONLY
WHY SHOULD I BUY CASE OIL?

- It is the only Case approved lubricant.
- It is designed specifically for use in Case equipment.
- It is formulated to do the job required.
- It has been subjected to extensive lab & field testing.
- It is specially blended for the Case company.
- It is blended with additives components designed to provide specific lubrication qualities.
- It is a quality product.



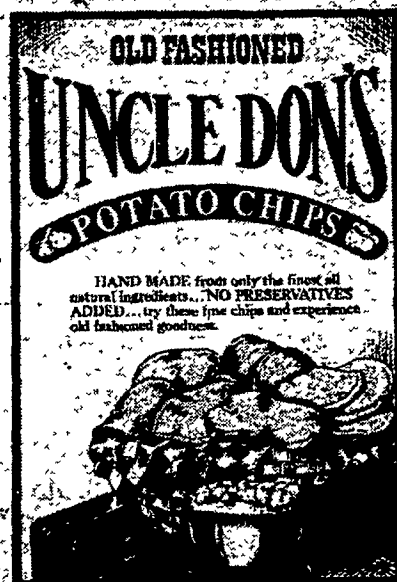
Oil By The
Quart, Gallon,
Bucket & Drum

Oil	Quarts	2 1/2 Gal.	5 Gal.	55 Gal.
MOTOR OIL	*1.71	*17.05	*32.75	*328.35
CASE TFD	N/A	N/A	*33.60	*344.00
CASE TFD#2	N/A	*17.55	N/A	*352.00
CASE TCH	*1.69	*16.40	*32.20	*324.00
CASE FDL	*2.37	N/A	*36.80	N/A
Multigrade MOTOR OIL	*1.73	N/A	*33.15	N/A

25% OFF The Above Prices!

**CHECKLIST YOUR SUPPLY OF THESE ITEMS
PLUS ANY PARTS YOU MAY NEED TO SAVE
UNDER OUR 10% DISCOUNT SAVINGS
PROGRAM**

- ☐ Anti-Freeze
- ☐ Oil, fuel, hydraulic filters for Case and other model tractors
- ☐ Paint in gals., quarts, and spray cans.
- ☐ Seat covers.
- ☐ Grease cartridges.
- ☐ Cutting edges for many different widths & types of buckets discoum. good on cutting edges even if our shop installs them.
- ☐ Case crawler undercarriage parts, etc.
- ☐ Ether
- ☐ Gasket sealer.
- ☐ Hoses, belts, thermostats.
- ☐ Hitch pins & clevis.
- ☐ Curved chisel plow shovels.
- ☐ Moldboard plow parts.
- ☐ Glencoe soil saver points & shovels.
- ☐ Disk harrow blades.
- ☐ Hydraulic cylinders.
- ☐ Head and work lights.
- ☐ Engine block heaters for tractor.
- ☐ SMV emblems.
- ☐ Water pumps, tune-up parts.
- ☐ Loctite products.
- ☐ Gehl blower pipe pumps.
- ☐ And many more!



FREE

2 Lb. Box Of

**UNCLE DON'S
POTATO CHIPS**

To the first 25 customers who purchase
\$200 or more of parts or machinery

SPECIAL DURING SALE DAYS

2 Lb. Box

**UNCLE
DON'S CHIPS**

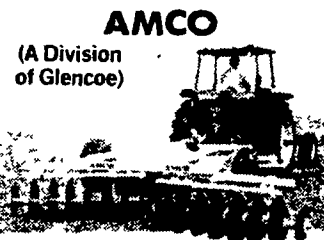
\$2.59 Reg. \$3.19



25% OFF Reg. Price
With Trade-In Battery

20% OFF Reg. Price
Without Trade-In Battery

SAVE ON CASE BATTERIES FOR:
• Cars • Trucks • Snowmobiles
• Tractors And Construction
Equipment



**NEW AMCO
TANDEM DISK
HARROW**

- Front & Rear Gangs Double Offset
- 12 ft. wide cut w/Rock Flex Bearing Hanger
- 22x1/4 Thick Blades • Heavy Duty

Reg. New Book Price: \$6,087
DISCOUNT DAYS PRICE
1 Only **\$4,489.00**



**New Gehl 640 Continuous
Drive Forage Box**

Serial No: 3249

- 6x14 3 Beater with roof
- Mounted on 8 Ton Heavy Duty Wagon with Quick Hitch
- 11Lx15 8 ply tires

1 Only **\$3,947.00**

* Buy this forage box on waiver
till June 1, 1982 and save before
we get our new 10% price in-
crease. Even if you don't need it
this season anymore, use this no
interest charge program



**HYDRAULIC
CYLINDERS**

3x8 Hyd. **\$54.95**

3 1/2x8 Hyd. **\$73.76**

4x8 Hyd. **\$85.84**

**10% OFF The
Above Prices!**



NEW IDEA CUT-DITIONER
MODEL 272
7 ft. Cutting Width
\$1,450
Ideal In Corn Fodder



Hidden rocks? Optional
Shock-Sorb gets you around
the problem! Spring steel
"shocks" provide the give
that protects blades against
rocks and other underground
obstructions. Helps keep you
plowing ahead! Feather disk
standard on rear gangs.

NOTICE

We have several financing
programs available and you
still receive your cash
discount price as you would
by paying cash

The
Smooth
Unloader
**GEHL
940
6x16**



Deluxe Steel Sides

- 3B w/R Forage Box, New
- 10 Ton Gear w/ex. Hitch
- 11Lx15 Tires

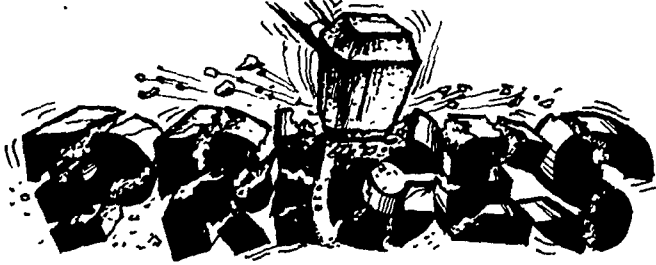
Our Price **\$5,567.00**

* Buy this forage box on waiver
till June 1, 1982 and save before
we get our new 10% price in-
crease. Even if you don't need it
this season anymore, use this
no interest charge program

NOTICE:

We have several New Gehl 940
Boxes in stock that we would
sell less the running gear

WE SMASHED



PICK THE TRACTOR OF YOUR CHOICE,
WE ARE TRADING CONTINUOUSLY

**SPECIAL
SALE!**

ALL USED TRACTORS

Come and Make Your Deal!

- ★ NOTE: SPECIAL FINANCING TERMS AVAILABLE NOW!
- ★ Waiver of Interest until June 1, 1982 on used Ag Tractors Sold During Our Special Sale.
- ★ Timing of This Offer is December 1, 1981 till December 29, 1981, So Act Now & Get the Tractor of Your Choice.



Good-Used Case 680 C Diesel Backhoe and Loader tractor

With cab, roll up rear window not in, forward & reverse power shuttle, 24" high capacity trenching bucket, approx. 2541 original hours.

\$14,800
1 Only At
Plus 10% Discount with Financing Available



Case 1175 Diesel Tractor

Cab, air, heater, 18.4x38 radial tires, 1875 hrs. 127 hp. 540-1000 PTO

\$15,800

Plus An Additional Rebate of \$1800



Case David Brown 1200 Series

65 HP Rated Diesel engine, 1967 Model, 18.4x30 rear tires on power adjust rims, approx. 3431 hrs., still going strong, trade in on this unit or buy as is and let us see what we can do for you! Serial #702764

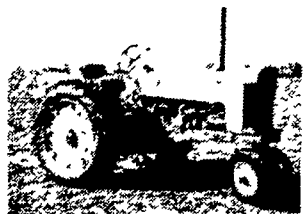


Almost New

IH 2+2 Model 3588

4 wheel drive, 1979 model with only approx. 435 Hrs., PTO, 3 remotes, 18.4x38 Radial tires show road wear. Note! New List Price Approx. \$56,000

Our Price! (Is A Bargain)
Stop by and see for yourself.



John Deere 630 Tractor

Tricycle type with Power Steering, 3 Pt. Hitch, 13.6x38 rear tires. Approx. 50% tread.

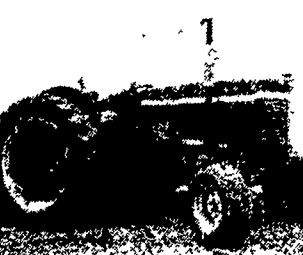
\$2,950



Mechanic's Special Case 995 Diesel Tractor

Rated at 58 HP. 1976 Model, needs minor repair plus some 3 pt. hookup linkage, approx. 1,300 Hrs. original. Buy as is

\$6,580



M.F. Model 85 Diesel

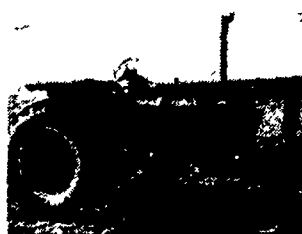
- Approx. 62 H.P.
- 3600 Hrs.
- Good Running Condition

Our Book Price \$4200

Less an additional 22% OFF of this price for Cash & Carry

NOTICE

We have several financing programs available and you still receive your cash discount price as you would by paying cash.



IH 806 Wide Front Diesel

Just Overhauled
Only \$5,870



Massey Ferguson Model 1135 Diesel Turbo

300-400 Hrs., since complete overhaul by M.F. Dealer including New Clutch, 18.4x38 rear tires approx. 50% tread. Cab with fans, weight frame with front weights, 1973 model. Rated at 120 HP. Good Condition, Field Ready

\$14,800

Come and negotiate



David Brown 880 Diesel

40 H.P. Class, 3 pt. Hitch, Good Condition

\$2,950



Farmall 350 Tricycle Gas Tractor

Good TA shift, fast hitch with Pitmanless mower. Belt driven type, runs nice.

\$1,850

Plus additional 15% Off Cash & Carry



Like New! Only 180 Original Hrs.

Case 43 HP Model 885
Fuel efficient Diesel Engine with 540-1000 PTO Shifter, 13.6x28 rear tires, front weights, 3 Pt. Hookup, New Price \$12,800. Our Special Sale Price on This Unit is Only

\$7,850



Massey Ferguson Model 1135 Diesel Tractor

1973 Model, 18.4x38 Deep Lug Firestone Rear tires, 11:00x16 front tires, Nice Condition. Dyno. check at 140 HP. A good clean tractor.

\$12,300



Case 530 Gas Draft-O-Matic

3 Pt. Hitch, Power Steering, 4 Speed Transmission with 3 speed Triple Range, foot clutch and hand clutch for independent PTO, hand throttle and foot throttle, good rear tires, like new 7.5Lx15 front tires. Ready for work. Best offer Buys this Tractor, Don't Wait!

\$4,200

Cash & Carry as is disc, additional 30% OFF

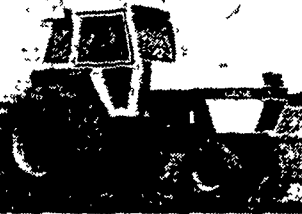


IH Model 574 Utility Tractor

1974 Model, 16.9x28 Rear tires about 60% tread, 540-1000 PTO, 2460 Hrs. approx., in average condition with Heavy Duty Fontanna Loader with single lever controls, large Material Bucket. Loader Season is Coming, Come and Deal! Asking Price

\$7,480

Plus additional 7% Off Cash & Carry



Just Traded:

Case Model 2290 Diesel

130 HP class 1979 model, only approx. 760 Hrs., cab, air, heater, syncro standard shift trans., 18.4x38 rear tires, dual remotes. Save By Buying This Unit.



IH Model 4186 Diesel

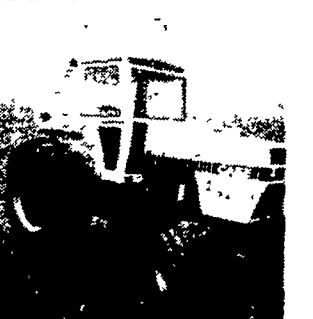
4 wheel drive tractor, approx 170-180 HP, 1977 Model by Serial #, New Clutch a month before we traded, dual hydraulic remote outlets, front weights, PTO just rebuilt, 28 1x26 tires, rated from 40% to 50% tread wear. A Bargain Price You Will Like



Deutz Model 100-06 Diesel

1972 Model, approx. 3713 Hrs., runs nice, 18.4x38 Goodyear Power Torque tires about 90% tread, single hydraulic remotes, 12 speed trans., 540 PTO with Shifter for 1000 PTO. Ready for work at

\$8,950

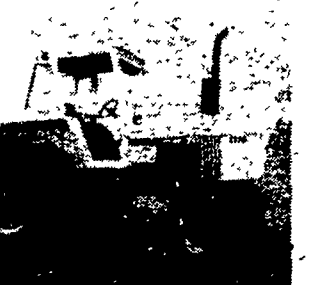


Buy Late Model Used and Save Money

Case Model 2090 Diesel Tractor

Cab, Air, Heater, On The Go Power Shift Transmission, 20.8x38 rear tires, Dyno. checked at Approx. 120 HP, front end weights, 504 cu. in Diesel engine. Ready for Work.

\$22,900



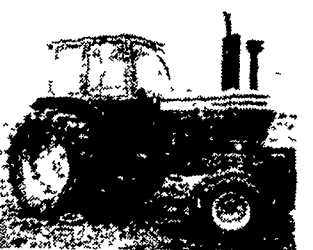
Good Running Rental Return Unit

Case 1370 Diesel Tractor

Canopy, (Inclosure kits available) Rated at 153 HP but turns a lot more power, on the Go Power Shift Transmission, 20.8x38 Rear tires.

\$17,800

Present your offer or trade-in Now!



Do You Like Ford Blue? Here is one for you

Ford Model 9700 Diesel

Cab, air, heater, 1977 model by Serial no., approx. 2500 Hrs., in excellent condition, 540-1000 PTO, Rated at 135 HP, Transmission 4 speed hi-lo and dual power, total 16 speeds, 18.4x38 rear tires, approx 50%-60%, 450 lb. weight on each rear wheel, 11:00x16 front tires, Front weights

USED EQUIPMENT 20% OFF THESE PRICES

JD Ground Drive Pull Type Hay Rake	\$885
JD 2 Row Pull Type Corn Planter, Model 290	\$375
Hesston PT 10 Haybine	\$1,180
Brillion 10' Transport Harrow	\$1,050
Ford 2 Row Corn Planter	\$650
Ford 14 ft Field Cultivator	\$1,475
Dunham 10 ft Cultmulcher	\$1,850
IH 12 ton gear w/12 5x15 8 ply tires	\$1,175
Sauder Loader Model D2 w/ fork & bucket	\$210

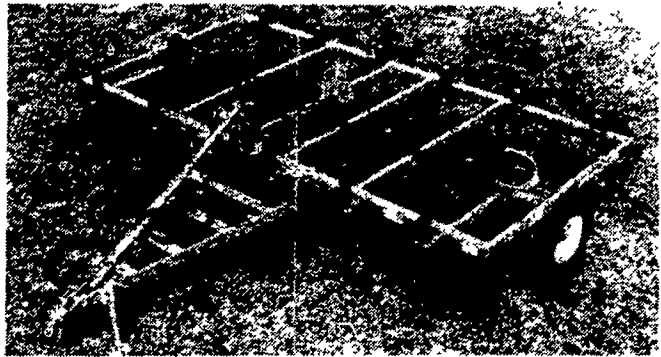
BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

Take 5% OFF Our Already Low Sale Price!

IN STOCK: Glencoe™ LANDOLL™ Case Soil Saver

ALL PULL TYPE MACHINES IN STOCK WITH HOSES TO TRACTORS, SET UP & READY TO GO



New Glencoe 9 shank soilsaver with 11'3" cutting width List price with freight setup \$7,384, weight 5048 lbs. **Sale Price \$6,300**

New Case 7 shank with 8'9" cutting width. List price with freight & setup \$6,164. Weight 4535 lbs. **Sale Price \$4,779**

New Case 5 shank with 6'3" cutting width, List price with freight & setup \$4,785. Weight 3370 lbs. **Sale Price \$3,738**

We also have a few Soil Saver units out of our rental fleet available for sale at reduced prices, Plus additional 5% off of these reduced prices also!

New rental Case 9 shank Soil Saver, Serial #1652958 **Only \$4,590**

New rental Case 7 shank Soil Saver, Serial #1644750 **Only \$4,035**

New rental Landoll 5 shank Soil Saver **Only \$3,143**

Remember! Take 5% off our already low prices in the box



John Deere Model 350 Automatic Reset Semi-Mount Plow

Semi-mount 6 bottom 16" bottoms with complete set of moldboards that go with this plow
\$2,350
Less additional 15% OFF

New Gehl 99 Forage Blower

Two Blowers In One. Silo Bottlenecks Stop Here. In Stock With Optional Heavy Duty PTO Shafts. Ready For Delivery at only
\$2,361

Buy and put on Gehl delayed payment waiver contract till June 1, 1982 and save an additional 5% during our 2 big weeks with only a 30% down payment.

Corn Movers Now In Stock!

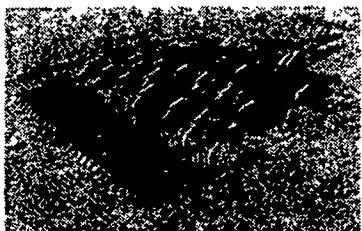
Little Giant Model 21

High Capacity Portable Elevators For All Crops

In Stock, Set Up With Shovel Hopper, Motor Mount, Will Handle Hay Bales and Corn.

34 FT. Length: **\$1,855** 38 FT. Length: **\$1,960**

Plus additional 10% OFF



GLENCO SOIL FINISHER SAVE FUEL, TIME & CHEMICALS

- One-pass seedbed preparation
- Now more than ever this new proven machine makes sense
- Model # SF129, set-up, ready to go

1 ONLY - SPECIAL

\$6480.00

Less additional 10% OFF

DUNHAM LEHR 41 MULCHER



Tomorrows CultiMulcher today! Shock absorbing modular design. Built to work all day without a break. Set up yourself & save.

Take 15% OFF These Prices
#41300 Dunham CultiMulcher, 12'2" rolling width, with cylinder & hose, 5095 lbs.

\$4,878

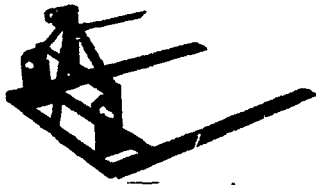
#41100 Dunham Culti Mulcher, 10'1" rolling width, 4143 lbs. with cylinder & hose.

\$4,100

Other Sizes Available

THE SOUTHEAST LINE

COMPARE OUR LOW PRICES

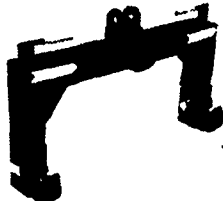
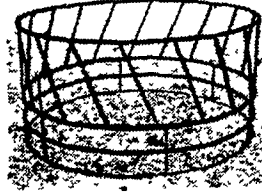


◀ BC-150 3 Pt. Hitch Round Bale Carrier, economically priced at: **\$192.00**
1500 lb. Rating

MODEL RF-15 ROUND FEEDER

The SOUTHEAST Round Feeders are ruggedly constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% utilization of feed can more than double your feed dollars

Sale Price **\$130.00**

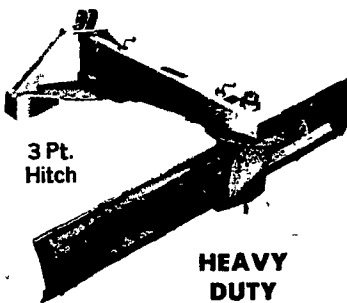


CATEGORY II QUICK HITCH (Model QH-200)

The SOUTHEAST line of quick hitches feature high strength "square" steel-tubing for greater torsional rigidity. The hooks are solid one piece flame cut parts for longer life and greater strength. The hitches are fabricated with extra large gusset plates for added overall toughness. A Good Heavy Duty Unit for only

\$261.35

Pre-Season SNOW ALERT!
Look Out! Winter is almost here... get ready now with these blades



3 Pt. Hitch

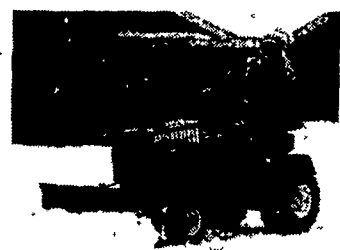
HEAVY DUTY RHINO BLADES

In Stock, Ideal for Barnyard scraping and snow removal.

ALL PRICES LESS 15% OFF

Rhino Model 100 w/ 8' blade... **\$318**
Rhino Model LR w/ 6' blade... **\$484**
Rhino Model LR w/ 7' blade... **\$515**
Rhino Model LR w/ 8' blade... **\$529**
Rhino Model BR w/ 6' blade... **\$942**
Rhino Model BR w/ 7' blade... **\$969**
Rhino Model BR w/ 8' blade... **\$985**
Rhino Model 900 w/ 7' blade... **\$1,077**
Rhino Model 950 w/ 8' blade... **\$1,337**
Rhino Model 2200 w/12' blade w/cylinder for swing plane wheel... **\$3,885**

Remember 15% OFF These Prices



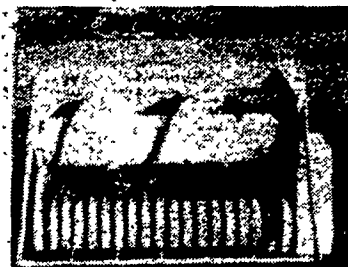
Case 110 Lawn & Garden Tractor With 34" Rotary Mower

SALE PRICE \$1,550

Extra Equipment Available

- 51" Blade
- Lawn Sweeper
- 32" Snow Blower
- Dump Cart
- Tire Chains

Ask For Prices



Like New New Holland Hay Pickup \$1,180

Less Additional 30% OFF



New Idea Model 213 Manure Spreader

with 3 beaters, hydraulic endgate, with cylinder & hoses, nice condition

\$1,738

Less Additional 10% OFF



9 Ft. Wide John Deere KBA Disk Harrow

Sale Price **\$425**



Allis Chalmers Mono Frame 4 Bottom 16" Spring Trip Semi Mount Plow

Nice Condition

Sale Price **\$1,685**

Plus an additional 42% OFF
Of this price for quick sale.

NOTICE

We have several financing programs available and you still receive your cash discount price as you would by paying cash.

Every Item In This Box Deduct an Additional 30% OFF

Of Our Quoted Prices

Cash or Finance. F.O.B. Our Lot. Reduced for Quick Sale. Don't Wait!



NEW KOOLS KB-57 The Super High Throw Baler

1 Only **\$1889**

Forage blower features a husky 56 1/4 inch, six-bladed adjustable fan assembly. Shaker pan — available with optional magnet — provides even crop flow. Shut-off clutch stops shaker pan and auger. Heavy duty PTO at 540 RPM is standard.

Remember...Take 30% OFF This Price



Allis Chalmers Model 7050 Diesel

Cab, Air, Heater, late 1974 Model. Approx. 156 HP, 20.8x38 Power Adjust Rear Tires and Rims, Approx. 45% tread. 11:00x16 front tires, good condition. Approx. 2400 hrs. shown on meter, Good Paint, front frame with 7 weights, Dual Hydraulic remotes, 1000 PPM PTO, Power Director Transmission. We serviced engine oil and filters when traded. Note: National Farm & Power Book Value on this tractor is \$18,400 with Cab, Air, heater. Come and Buy as is and make your own kind of a Deal Now at a Price you like!

Remember... \$18,400 less 30% Plus Interest Free Financing till June 1, 1982



Freuhauf Fifth Wheel Trailer

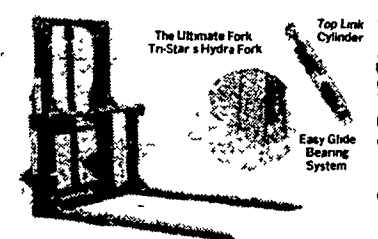
- Air Brakes • 25 ton capacity
- Beavertail
- Tie Down Rings

Length with Beavertail not including area over fifth wheel is a total of 17'6" **\$1,800**

1 Only.

Less 30%!

Tri Star Round Bale Stacker



Adjustable Tine Width Makes It Ideal For Moving Anything

MODEL HF-70:

- Lifting Height: 5'6" to 6'
- Adjustable tine width 5" to 44"

\$956

1 Only
Buy During Discount Days Take 20% OFF

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543

PH: 717-626-4705

**DON'T
MISS:**

**FREE
REFRESHMENTS**

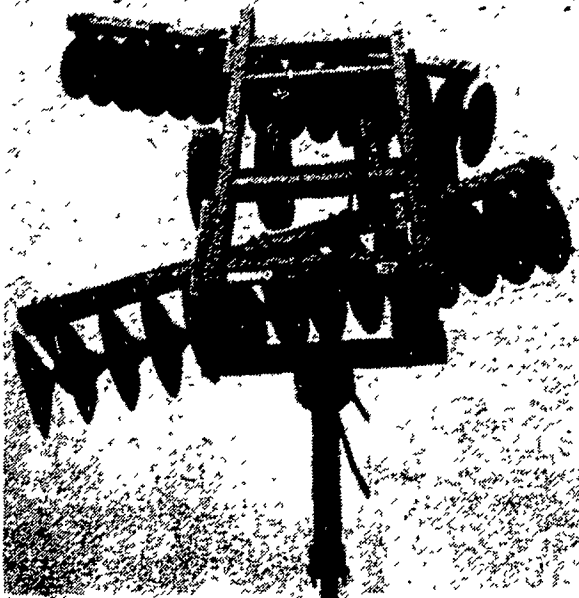
BINKLEY & HURST BROS. INC.'s DISCOUNT CASH & CARRY DAYS

DECEMBER 14 through 24

**At 133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705**

**BARGAINS
GALORE
THROUGHOUT
THE STORE**

TURN A RHINO OFFSET HARROW LOOSE ON YOUR FARM!



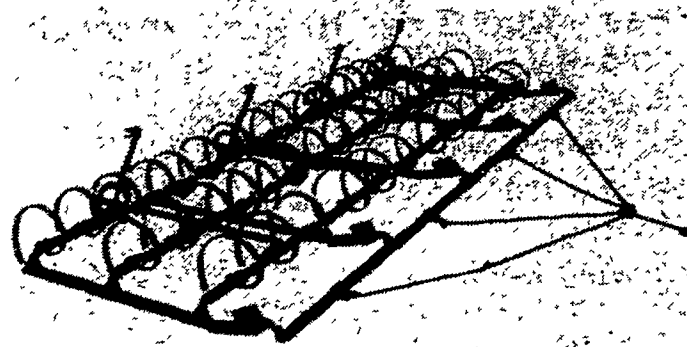
RHINO 167 OFFSET HARROW
• 8' Wide Cut
• 26" x 1/4" Smooth Blades
• 10 1/2" Blade Spacings

YOUR PRICE \$3950

(2) RHINO 127 OFFSET HARROWS

• 11' Wide Cut
• 24" x 1/4" Cutout Blades
• 9 1/2" Blade Spacings
• Relube Ball Bearings
• Dual Wheels
• Not Set Up

YOUR PRICE \$5250



PITTSBURG SERIES 294 SPRING TOOTH HARROWS

Strong, simple construction...flexible
with convenient adjustments. In Stock

8 Ft. Wide Pull Type 1 Only at **\$461**
8 Ft. Wide 3 pt. Hookup 1 Only at **\$532**

Both Units Less 10% Discount

Case Ne
with hy
spring sh

**DISC
PRIC**

Brand New
spring sh.
Current b
Knocked I
Discount F
Brand New
hi-clearan
curved sh
This Chise
\$898 durin



**Something
For Everyone!**

DO YOUR HOLIDAY SHOPPING NOW DURING SPECIAL DISCOUNT DAYS!

For The Children:

- ★ RIDING PEDAL TRACTORS
- ★ SCALE MODEL TRACTORS
- ★ FARM TOY SETS

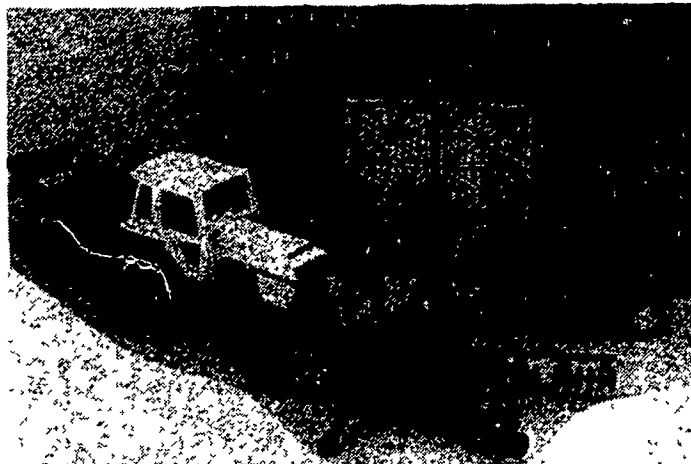
**SAVE
10%**

For The Man:

- ★ GLOVES
- ★ TINGLEY BOOTS
- ★ TOOLS
- ★ MANY OTHER ITEMS



Tricycle Pedal Tractor



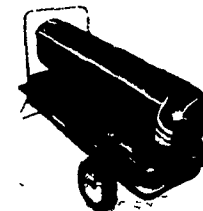
Case Deluxe Farm Set Includes the 11" die cast metal Case Tractor 2390 to pull four-bottom plow, tandem disc, and steel flare box wagon with opening tailgate. Package sets up to become a little red barn.



No 1624
Case Agri King Tractor
w/Cab
1/64th scale authentic replica die
cast and finished with exacting de
tail Smooth push-glide Approx
imately 3" long Blister packed rack
cards 24 per carton 5 lbs

No 225
1/64th Case Implement Assortment
Includes 8 each of farm wagon 6 bottom plow
round baler and one bale Die cast metal
Approximately 3" long 24 per carton 4 lbs

No 1407
Case Tractor/Trailer/Truck with Cargo
Die cast metal miniature of the real over-the-road
hauler Detailed right down to the Case markings
and the load it carries — two No 1624 Case
tractors Cab hood tilts forward to show detailed
plated engine Detachable flatbed trailer has dolly
stand L 13"xW 1 1/2"xH 2 1/4"



How
WARM
Will It
Get
This
Winter?

Ask someone with a

CENTURY Portable Heater

97,000 BTU with Automatic
Shut-off Control, Reg. Price
\$357. We have 2 units in
stock left over at old price
discounted to

\$280 ea. While They Last.

Just Arrived



9 Ton, 3 Axle TAG-A-LONG TRAILER

Electric Brakes, length of
flat part: 15'6", plus length
at beavertail at 4 feet, fold-
up ramps, pin tie type hitch.

1 Only at **\$2,250**
Plus Additional 12% OFF

NEW CHISEL PLOW BY RHINO

Model 156 High Clearance,
Cushion Spring Clamps w/
Twisted Shovels.

PRICES Less 15% OFF
10 Tooth, 10 Ft., 3 Bar
\$1,812

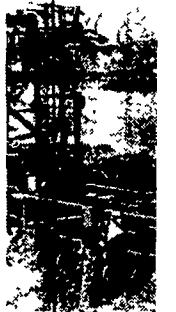
5 Tooth, 2 Bar
\$981

7 Tooth, 2 Bar, Demo.
\$1202
TAKE 15% OFF!

Ideal

EARTH

- Field Cultiv
- Transport



HARR MO

This machine
does work!
It not only
levels, but
aerates soil,
teeth are
angled to
allow trash
flow
underneath

10'
TO1
SALE
PRIC

INS
RE
OUT
E

IS

e
k

\$461

\$532

How
WARM
Will It
Get
This
Winter?

with a

RUBBER
beater

Automatic
Reg. Price
units in
old price
to

le They Last.

ed

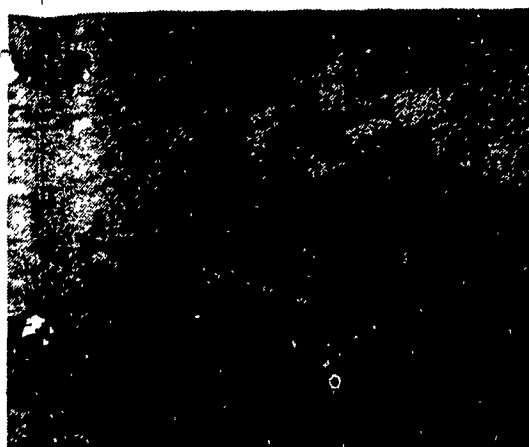
le

TRAILER
length of
plus length
feet, fold-
type hitch.

250
2% OFF

SEL RHINO
Clearance,
Clamps w/
wheels.
5% OFF
t., 3 Bar
2
Bar

Demo.
2
OFF!



CASE CHISEL PLOWS

Case New Heavy Duty 3 Bar 10 shank chisel plow with hydraulic gauge wheels, 32" hi-clearance, spring shank with curved shovels, setup.

Our every day low price is \$1,950

DISCOUNT SALES DAY
PRICE 1 Only \$1,889

Brand New Case 7 shank plow with 32"x1 1/4" hi-clearance spring shank, 2 bar 3 pt. hookup with curved shovels. Current book list price \$1,428. You Buy This Chisel Plow Knocked Down and Save by Paying only \$1,078 during our Discount Program Period.

Brand New Case 5 shank chisel Plow with 32"x1 1/4" thick hi-clearance shanks-spring cushion, 2 Bar 3 pt. hookup with curved shovels. Current book list price \$1,198. You Buy This Chisel Plow Knocked Down and Save by Paying only \$898 during our Discount Program Period.

CASE 10% OFF CASE FIELD CULTIVATORS

Ideal To Prepare Your Fall Seeding Grounds
"A Lot Of Machine For The Money"

EARTH SHATTERING TILLAGE TOOL FROM CASE

- Field Cultivator Wing • Hydraulic Fold 22 Pt.
- Transport Width 12 • Wide
- Cylinder and Hose to Tractor

\$6400

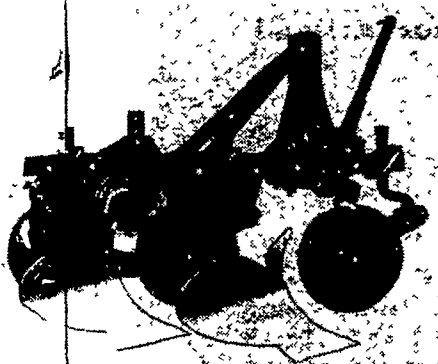


Wings fold hydraulically for handy transport and turning in the field. They can be pinned for safety and to take the load off the cylinders in transport. The long, sturdy double hitch pole adds stability to wide models, eliminates wobble in rough fields, absorbs the strain of trailing planters or fertilizer nurse tanks.

New Heavy Duty Transport, 12 1/2 Cut. **\$2125**

New Heavy Duty Transport, 13 1/2 Cut. **\$2255**

Remember 10% Off for buying Or Make Your Offer! During this Program - Our Loss is Your Gain



NEW PITTSBURGH HEAVY DUTY 2 BOTTOM 16" PLOW

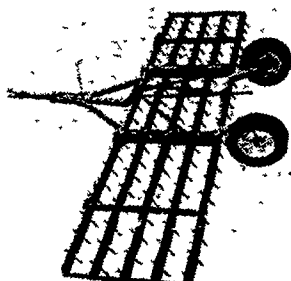
With side hill hitch adjustment, coulters and trash boards, but no gauge wheel because it's not needed

1 ONLY REG. PRICE **\$825**

PLUS 10% OFF
PITTSBURG 3 PT. HITCH 2 ROW CULTIVATOR
\$485 PLUS 10% OFF

HARROWGATER MODEL 1100

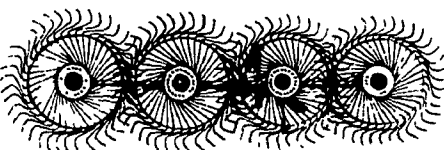
This machine does work! It not only levels, but aerates soil, teeth are angled to allow trash flow underneath



IN STOCK
10' W 3' WINGS
TOTAL 16' WIDE

\$1080

GEHL



NEW GEHL MODEL 204
4 WHEEL RAKE
7'6" wide raking width,
3 pt. hookup
New List Price \$985

SPECIAL SALE PRICE **\$789**

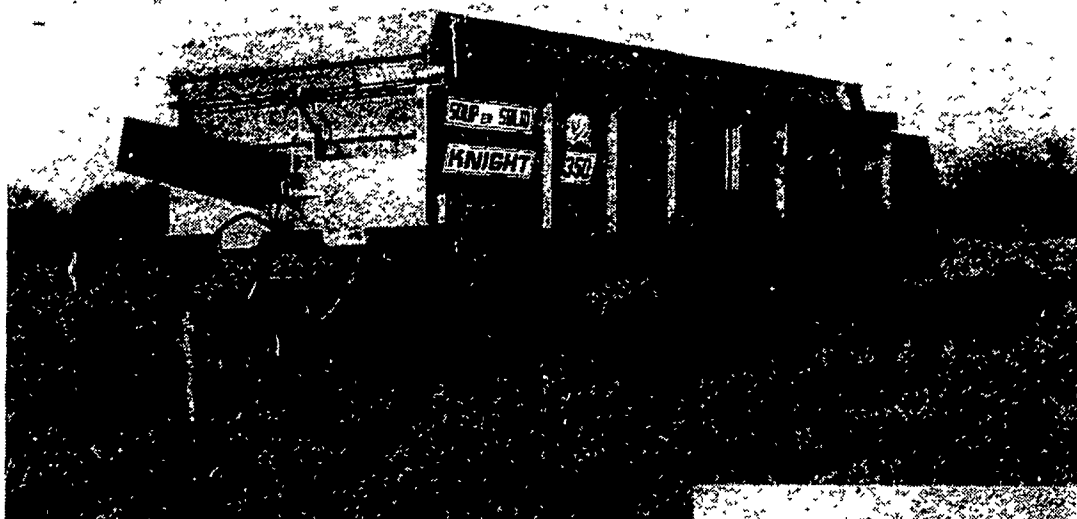
SAVE on Heavy Duty MANURE SPREADERS

Look
At This...

**UNLOAD YOUR LIQUIDS
FASTER, JUST RAISE THE DUMP**



"350 SOUP_{er}SOLID" MANURE SPREADER



The Growing Number 1!
No Ratchets or Belts to
Trouble You

The combination of the hydraulic tilt, hydraulic rear gate, and lower spinner beater allows for a controlled spread and fast unloading.

- Wide spreader beaters are made of heavy auger type with ripper prongs which eliminates chunks of unpulverized manure piles laying around in the field.

TRADE-UP TIME IS NOW...CALL & MAKE A DEAL!

SPECIALS!

TAKE ADVANTAGE OF THESE
REDUCED PRICES WHILE THEY LAST!!

MODEL 180 single axle, setup with Gratz Chain Web ready to go with top beater, 4"x4" Rub Rails fastened on sides of spreader to protect the spreader and your loader in case you hit the sides **\$3,205**

MODEL 252 single axle, with Gratz Web, top beater, lower spinner beater for liquid or fines ideal to top dress alfalfa, etc. Hydraulic endgate with dual lift cylinders and hoses to tractor, 4"x4" Rub Rails mounted on sides of spreader for loader protection in case you hit sides of spreader **\$4,967**

MODEL 350 tandem axle, Note-Box is bolted onto undercarriage for extra strength in water gullies and rough terrain, Gratz Double Wed, worm gear drive, hydraulic endgate for liquid and fines, 4"x4" protection Rub Rail mounted on sides of spreader, top beater **\$5,700**

MODEL 350 SUPER ER SOLID tandem axle with dump to raise bed for liquid as standard equipment, lower spinner beater for liquid or fines to top dress alfalfa, etc. Liquid hydraulic end gate, top beater, special sides on this spreader are curved in with a small lip so liquid does not splash out over sides. Ideal for ideal lagoons or solid stable manure, double Gratz chain web. This spreader has rubber seal flaps for liquid. **\$7,426**

MODEL 410 tandem axle with oscillating 8 bolt heavy duty axles, box is made of 10 gauge steel floors with heavy duty frame, under carriage completely separate from bolt on box, Double Gratz chain web, top beater, 4"x4" Rub Rails to protect sides of box and loader in case you hit sides with your loader, hydraulic end gate with hoses to your tractor, top beater for heaped loads **\$6,989**

MODEL 410 SUPER ER SOLID tandem axle with dump to raise bed for liquid as standard equipment, lower spinner beater for liquid or fines to top dress alfalfa, etc. Hydraulic liquid endgate, top beater, special sides on this spreader are curved in with a small lip so liquid does not splash out over sides. Ideal for liquid, lagoons or solid stable manure, Double Gratz chain web. This spreader has rubber seal flaps for liquid. **\$8,336**

Also Available From The Family of Quality Spreaders:

NOTE: The Large Heavy Duty Model 500 Bushel Spreader and 650 Bushel Truck Mount Spreader

NOTICE -

We have several financing programs available and you still receive your cash discount price as you would by paying cash

FREE 2 Lb. Box Of UNCLE DON'S POTATO CHIPS

To the first 25 customers who purchase \$200 or more of parts or machinery

SPECIAL DURING SALE DAYS

2 lb. Box
Reg \$3.19

UNCLE DON'S CHIPS \$2.59

ALL TIRES 10% OFF

THESE PRICES
LOOK: FINAL CLEARANCE
REAR TRACTOR TIRES

2- 20 8x38, 8 ply Goodyear power	\$535 ea.
1- 20 8x38, 10 ply MDG	\$585 ea.
2- 18.4x38, 8 ply Sembert	\$425 ea.
2- 18.4x38, 6 ply Farm Hand	\$325 ea.
2- 16.9x38, 6 ply Goodrich power grip	\$350 ea.
2- 15.5x38, 8 ply Goodrich silvertown power grip	\$330 ea.
2- 15 5x38, 6 ply Goodrich silvertown power grip	\$290 ea.
1- 13 6x38, 6 ply Good year traction torg	\$190 ea.
1- 13 6x38, 4 ply Goodyear traction torg	\$179 ea.
2- 13 6x38, 6 ply Goodrich silvertown	\$250 ea.
2- 13 6x38, 8 ply Alliance	\$225 ea.
1- 9x38, 4 ply Goodrich	\$110 ea.
4- 20 8x34, 8 ply Goodyear power torg take off	\$535 ea.
1- 20 8x34, 8 ply Goodyear power torg	\$535 ea.
2- 18 4x34, 6 ply Astro 45 degree bar	\$285 ea.
1- 18 4x34, 8 ply Farm Hand 30 degree bar	\$310 ea.
2- 16 9x34, 6 ply Goodrich power grip	\$295 ea.
2- 23 1x30, 8 ply Armstrong maxi trail	\$540 ea.
1- 23 1x30, 8 ply Goodrich	\$560 ea.
2- 18.4x30, 6 ply Goodyear power torg	\$305 ea.
2- 16 9x30, 6 ply used on wheels	\$510 for pair
2- 16 9x30, 6 ply, Goodrich power grip	\$320 ea.
2- 16 9x30, 6 ply Uniroyal	\$305 ea.
1- 18.4x28, 6 ply Goodyear super sure grip	\$225 ea.
2- 12.4x28, 4 ply Goodrich power grip	\$149 ea.
2- 12 4x28, 6 ply Firestone all traction field & road	\$159 ea.
2- 11 2x28, 4 ply Goodrich power grip	\$149 ea.
1- 18 4x26, 6 ply Goodrich	\$298 ea.
3- 9 5x24, 4 ply rear tractor	\$95 ea.

FRONT TRACTOR TIRES

4.00x15, 4 ply	\$23
4.00x19, 4 ply	\$31
5.00x15, 4 ply	\$23
5.50x16, 6 ply	\$30
5.50x16, 4 ply	\$27
6.00x16, 6 ply	\$43
6.00x16, 4 ply	\$41
6.50x16, 6 ply	\$43
11Lx15, 6 ply	\$91
10.00x16, 6 ply	\$86
11.00x16, 8 ply	\$97.50
11.00x16, 10 ply Goodyear laborer tread	\$120

WAGON TIRES

12 5x15, 10 ply	\$62
12 5x15, 8 ply	\$54
11 2x15, 8 ply	\$48
9.5x15, 8 ply	\$40
9 5x14, 6 ply	\$36
6 70x15, 6 ply	\$29
7 60x15, 6 ply	\$34
1- 11 00x16, 6 ply.	\$52
2- Used 11 6x16, 6 ply	\$33

SKID LOADER TIRES WE GOT EM

12x16.5, 6 ply Uniroyal flo track tubeless	\$125
12x16.5, 6 ply Firestone nylon super traction	\$125
12x16.5, 6 ply Firestone super traction duplex steel shield	\$135
700x15, 6 ply Uniroyal flo-trac-steel	\$95
27- 950x15, 2 ply Carlisle turf saver	\$65
10x16.5, 6 ply Uniroyal flo-trac steel tubeless	\$93
12x16.5, 8 ply General Lug	\$129
5.90x15, 4 ply Goodyear for on 1816	\$49

TRUCK TIRES

2- 10 00x15, 4 ply load B all terrain Goodrich	\$63
3- 9 00x15, 12 ply Goodrich	\$138
1- 10 00x20, 12 ply, General for trailer	\$140
2- 10 00x20, 12 ply recap Mohawk	\$95

Good Used 8"x60 Foot
MFS Transport Auger
with PTO, bottom drive and
Flex-i-Boot Hopper, used
approx. only 2 seasons,
weathered
\$1,680
Plus and additional
10% OFF

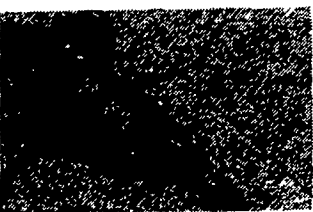
QUALITY UNVERFERTH McCURDY MATERIALS HANDLING EQUIPMENT

Buy your spring fertilizer
handling equipment during
our discount Cash & Carry
Days and avoid 1982 prices.
We have most equipment
in stock.



Roll Away Type
**NEW McCURDY
CORN DRAGS**

In Stock **\$577**
Less 5% OFF This Price

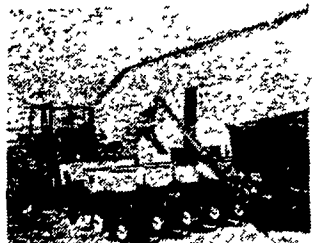


**McCURDY SHORT
TURN RADIUS WAGONS**
In Stock with adjustable
quick hitch. Your choice of
wheel width 6", 8", 10"
Price is less tires.

8 Ton	\$589
10 Ton	\$690
10 Ton Tandem	\$998
12 Ton	\$788

★ Call for quantity discount
of 4 or more units

HYDRAULIC TRUCK AUGER



(Top) A UM Truck Auger fills planters faster and easier. (Center left) Semi-circular rack and pinion adjustment mechanism. (Center) Compact hopper design allows generous ground clearance of effective dump angle. (Center right) Clean-out door allows flushing of debris from tube. (Bottom) Auger folds out of the way when not in use.

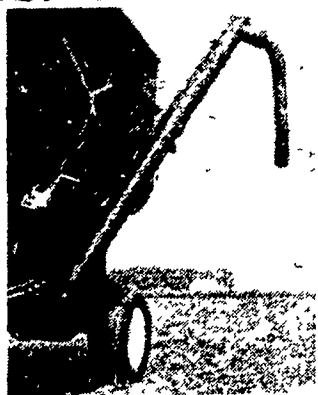
- The UM Hydraulic Truck Auger helps handle bulk materials faster, more economically.
- You can transfer up to 900* pounds of fertilizer per minute and up to 500 bushels of small grain per hour.
- Traditional UM quality is apparent throughout the Model TAG-12 Truck Auger.
- Your grain truck can help you save money
- Hydraulic hoses of the length needed, and connections for your particular installation, may be purchased from your dealer, at extra cost

Our Sale Price **\$585**

We Also Have McCurdy GRAVITY BINS

Model 190	Model 275
Model 230	Model 375
• With tarp kits available for wind & weather available	
• Side Extensions	
• Ladder Extensions	

NOTICE
We have several financing
programs available and you
still receive your cash
discount price as you would
by paying cash.



McCURDY AG 12

12 foot reach augers for most any
make gravity bin. Mounting brackets
also available for old style
straight sided gravity bins.
Hydraulic hose included to the
front of your bin.

SALE PRICE **\$490**

McCURDY AG 14

14 foot reach

SALE PRICE **\$518**



McCURDY 275 BIN

mounted on heavy duty 8 ton
McCurdy Short turn radius wagon
with extendable quick hitch with
12.5Lx15 8 ply flotation tires
with AG12 auger mounted on bin

SPECIAL SALE **\$1,772**
1 ONLY



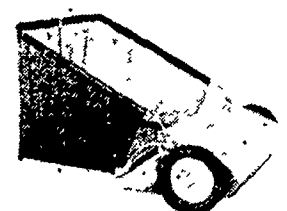
New 3 pt. Hitch
**AVCO E.Z. FLOW
FERTILIZER-SEEDER
COMBINATION
SPREADER**

With
Agitator **\$588**
Less 20% OFF
This Week

IH 9 Shank, High Clearance
CHISEL PLOW
3 Pt. Hookup, 3 bar with
curved shovels

\$1180

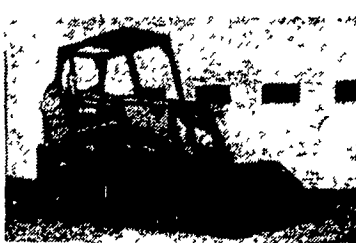
CASE HEAVY DUTY LAWN SWEEPER



- 11 Bushel Capacity
 - Two Stage
 - 38" Width
 - Positive Gear Drive
 - Large Traction Wheels, 3" Wide for Non Slip, (Not a Discount House type unit)
- Reg. Price \$390

NOW ONLY **\$258**
★ SUPPLY LIMITED ★

USED SKID STEER LOADERS IN STOCK



Perkins Diesel Power Engine

Like New
Owatonna 1700 Skid Steer Loader
with auxiliary hydraulic remotes
Ready for work, 45 HP

ONLY **\$6,800.00**

Mustang 1200A

30 H.P., Good Cond., with
bucket and manure fork

\$5,860



Hydro Mac Model 18

47 HP, Ford water cooled gas
industrial engine, Hydrostatic
drive.

Reg. \$7,250

SPECIAL SALE PRICE **\$6,900**

USED CASE 1816 UNILOADER, 16 HP

\$2,950



Owatonna Compact Diesel Power Skid Steer Loader

Model 310, 600 lb. lift capacity,
approx. 42" wide bucket and
manure fork, 23x8.50-12 flotation
tires, manufactured between 1978-
1980

\$3,950



USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER

With Ford 4 cylinder gas engine,
self leveling loader, 10.00x16.5
tires, 40 H.P., 65" wide bucket, T
bar control, 1 only

More For Your
Money Than
Ever Before!
\$9500

They Do Work! The 3 PT. HITCH, 1 ROW POTATO PLOW

HEAVY ANGLE TOW BAR
Features:

- FRAME - Welded Construction
- SHANK - 1"x4"
- HITCH - Standard Category 1
- BUSHER SHAPE

Our Low Price

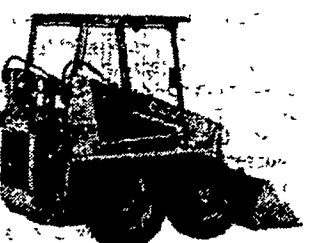
\$97.85



NEW CASE 1845 UNI-LOADER

- Demo
 - Hydrostatic drive
 - 45 hp diesel engine
 - Water-cooled 4 cylinder Case engines
 - Self leveling loader
 - ROPS, parking brake and tool tach-standard
 - 12.00 x 16.5 flotation tires
 - Large 80" wide material bucket
 - Serial # 9851348
- New Factory Price \$18,800
IN STOCK,
1 ONLY
YOUR PRICE **\$14,850**

CASE 1835 Low Profile. High Performance.



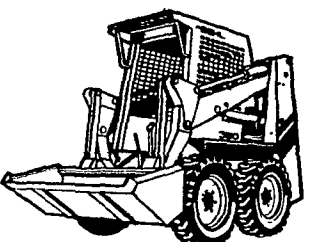
Your Place!
No Space!
Buy CASE!

34 HP Case Diesel Engine, 66"
material bucket, 10.00x16.5 tires,
serial # 9853895. Financing avail-
able.
SALE PRICE **\$14,200**



Buy A
GEHL 4600
and put your manure loading
problems out of your way!
Perkins 44 H.P. engine
(diesel), self-leveling bucket - 65",
10.00x16.5 tires.
YOUR PRICE: **\$14,200**
Downpayment \$4,260
Balance April 1, 1982

All New...Just Introduced NEW CLASS PERFORMERS



Gehl's new elite additions to its skid steer loader line, the 3510/3610, boast efficiency, convenience and comfort. Featuring the super simple T-bar controls in a new split, side-mounted position, you can choose from a reliable, fuel efficient Isuzu diesel or Ford industrial gas powered engine.

Buy this NEW Skid Loader from Gehl!

MODEL 3510 Serial #1353
54" material bucket, 8.50x15 tires,
24 H.P. Gas Engine, Ford water
cooled industrial.

SALE PRICE **\$10,500**
Downpayment \$3,150 00
Balance April 1, 1982

BINKLEY & HURST BROS., INC.

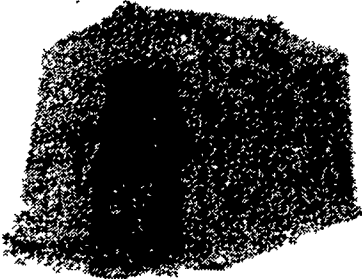
133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

CALF HUTCHES, Virtually Indestructible
Made of polymer material...not fiberglass which cracks.
This Polymer material resists damage from sun, water, heat, and cold, flexible even in extreme cold. Light-weight: approximately 130 lbs.

Brand New CALF-tel™
comfort hutches to baby new-born calves to a healthy start in life

Dimensions:
6'8" long, 4'3" high, 4' wide
Reg. list price with freight
\$319

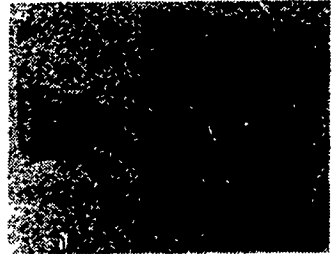
SPECIAL SALE PRICE \$289
In Stock, can easily be hauled on a pick-up truck



Exclusive new design to overcome all the gripes we've heard from dairymen about isolation calf housing:

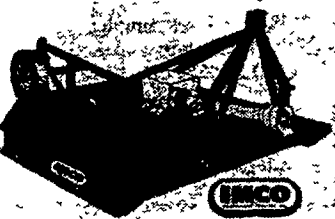
1. Calf health & comfort given priority
2. Draft and ventilation control to remove dampness, gases and odors.
3. Ribbed construction and virtually indestructible polymer
4. Caretaker convenience for feeding, cleaning, sanitizing
5. Practically indestructible. Calf-Tel hutches are made of a tough, high density polymer material, smooth and hard both sides. So easy to clean and sanitize. Material is non-toxic, non-porous, impervious to germs, manure acids, strong disinfectants — resists damage from sun, water, heat and cold, flexible even under extreme cold.
6. Handy side service door for feeding and watering calf. Door will lay flat on roof and can be locked closed.
7. Steel reinforced base is shown at corner. Flexible flange under base adjusts to uneven terrain.
8. Rugged, dual pail holder furnished with each hutch.
9. Ribbed construction adds strength and durability — made to last, easily supports the weight of a man.
10. Adjustable ridge vent, front and rear lets caretaker adjust ventilation to remove humidity, heat, gases, and odors without draftiness.
11. Aerodynamically designed entry. Offset entry gives extra protection from wind, blowing snow and rain, gives calf more comfortable sleeping, provides sheltered eating drinking corner, 60 percent of front closed.

MAKE EVERY BITE COUNT
With A KNIGHT MINI-AUGGIE STATIONARY MIXER



Electronic scales, 82 bushel capacity, 3 H.P. electric motor with drive is standard equipment. In Stock

OUR SALE PRICE \$6,890
Plus...we will deduct \$150 if you pickup during Discount Days



IMCO'S UTILITY 5 foot Rotary Cutter is excellent for heavy grass, pasture and lawn mowing. Standard with 3 point hitch, shielded PTO, free swinging suction blades, round blade carrier and 40 H.P. gear box. Cutting height from 2" to 12". Laminated tail wheel with hub and pivot shaft. Rated for tractors up to 45 H.P.

New Improved Model 552 - 3 ROTARY CUTTER
List Price \$699

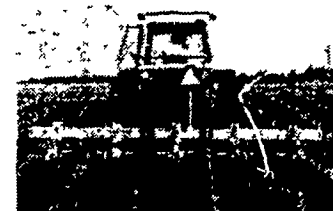
SALE PRICE \$520
New Heavy Duty Model 702 7 ft. 3 pt. Hitch Rotary Cutter
List Price \$1,879

SALE PRICE \$1,495
DURING OUR DISCOUNT DAYS, DEDUCT AN ADDITIONAL 5% OFF PRICES ABOVE



NEW HOLLAND 68 BALER with #50 THROWER
\$1585
Less 50%

Old Price Row Crop Cultivators Plus Additional 5% OFF Old Prices



Danish Tine High Speed Row Crop 3 pt. Hitch Cultivators In Stock:

Adjustable 4 row Dunham Lehr **\$1,573**
Farm Hand 4 row adjustable **\$1,500**
Kelly 5 row adjustable **\$1,600**

Additional 5% off for buying during our Discount Days. You save more by buying now than what your interest would cost you to wait till you need it next season. Now is the time!

ATTENTION FARMERS!

We Are Now Taking Orders For **GOOD QUALITY BALER TWINE - CLOVER BRAND, No. 1 Quality** Pickup sometime in late-Dec., Jan. or Feb., we will notify you
CLOVER SISAL
9,000 ft., 10,000 ft.

\$19.95 ea.
10 or More Bales: **\$19.50 ea.**

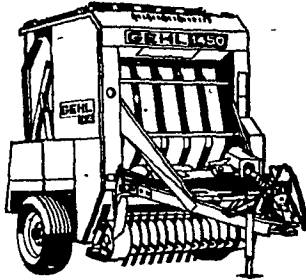
CONVENTIONAL HEAVY DUTY PLASTIC
9,000 ft. with stronger Knot Strength Than Sisal
\$16.30 ea.
10 or More Bales: **\$15.85 ea.**

BIG ROUND BALER TWINE
Yellow Jacket 20,000 ft. per box
\$23.00 ea.
10 or more: **\$22.55 ea.**

* NOTE: If order is paid by Dec. 24, 1981, you will receive additional 2% Cash Discount.
* PRICE PROTECTION if general market prices decline.

NOTICE

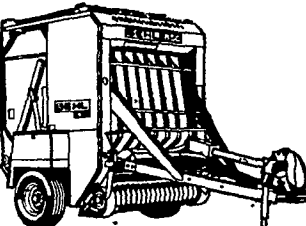
We have several financing programs available and you still receive your cash discount price as you would by paying cash



New Generation
Gehl's new 1450 round baler offers total density control with its new "air-draulic" baling system. Choose the size and density of the bale's center core according to your operation's needs and crop moisture content.
Find out more about the new 1450 round baler's "air-draulic" density control system today!

New Gehl Model 1450 Compact with Bale Counter Serial # 11897

1 Only, Ready To Go!
You Pay \$2,355 Now and \$5,495 on June 1, 1982 and This Baler is Yours! Plus...Financing available after June 1, 1982



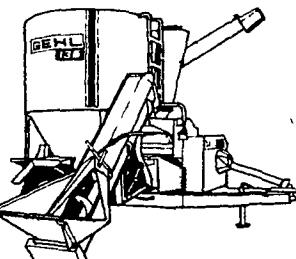
Total Density Control

The new 1850 round baler from Gehl features an "air-draulic" density control system. YOU control the size and density of the bale's center core to fit your operation and the crop's moisture content. The 1850 can produce bales 61" wide and up to 72" in diameter.

New Gehl Model 1850 Round Baler with Bale Counter Serial # 10640

1 Only, Ready To Go!
You pay \$2,685 Now and \$6,265 on June 1, 1982 and this Baler is Yours! Plus...Financing available after June 1, 1982

GEHL®
The #1 Choice of Our Nations Farmers



Why? They have a 21" Mill with 66" reversible hammers which gives you more cutting action, not as much pounding which makes dust. Due to this fact they turn easier. Another big plus is the self contained total hydraulics in loading and unloading augers which means no sprockets to trouble you.

New Gehl Model 135 Bu. setup, ready to tow away with 2 screens of your choice with 12.5Lx15 8 ply flotation tires, Serial #3797

\$7,998

New Gehl Model 100 Bu. setup, ready to tow away with 2 screens of your choice with 11Lx15 8 ply tires

\$6,445

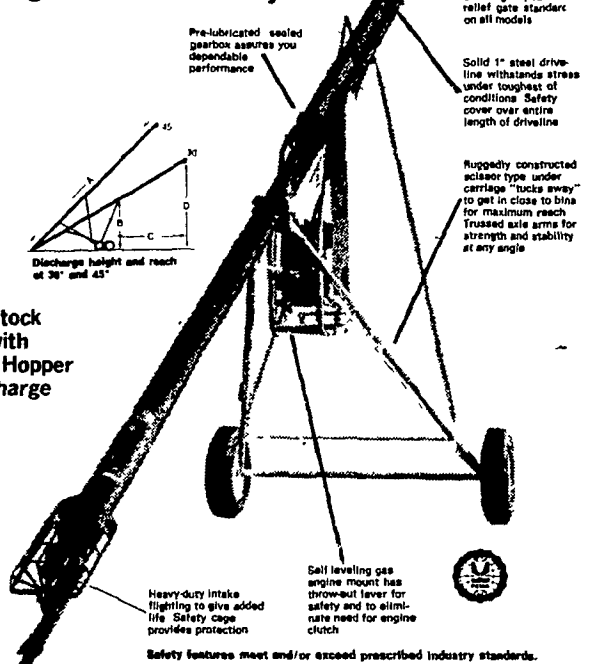
- You pay only 30% now and balance April 1, 1982
- No interest by going on Gehl Waiver program
- Buy during our Special Discount Days!
- Notice! We have access to scales for any brand grinder mixer that you may own, except some older models, inquire with us Now!

CASH & CARRY 10% DISCOUNT ON ALL CASE & GEHL PARTS

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

SPEED KING HI-ANGLE AUGERS
Here are a few reasons why Speed King Augers are a Better Buy



Augers in stock complete with Flex-i-Boot Hopper and 3' discharge

Our Large Inventory is Almost Gone.
For Year-end Final Clearance we will give you an additional **15% OFF** our Sale Price
Units In Stock, all PTO Drive, a few electric motor kits avail.

6"x34' List \$1,337	Sale \$1,121	8"x46' with corn screen tubing	List \$2,667	Sale \$2,188
6"x53' List \$1,993	Sale \$1,634	8"x65' List \$3,394	Sale \$2,783	
8"x27' List \$1,770	Sale \$1,451	10"x41' Bottom drive	List \$3,177	Sale \$2,282
8"x34' List \$1,947	Sale \$1,596			
8"x46' List \$2,526	Sale \$2,071			

REMEMBER: TAKE ADDITIONAL 15% OFF!

GEHL® MODEL 1000 CORN AND FORAGE HARVESTERS
Out-Perform and Out-Last the Competition



The jetaway spinner delivery system is exclusive to Gehl's 1000 and 1250 forage harvesters. It actually gives material a running start into the blower, hurling it at nearly 40 mph...no cross augers to plug

Another very important feature is over-running cylinder fly wheel and blower fan clutches. This saves tractor PTO clutch brakes and is not offered on John Deere, New Holland or IH choppers. Comparable sizes of competitive models.

John Deere 3960
New Holland 892

Hesston 7150
IH 881

Now! Gehl means more quality & performance than ever before. Now offering a One Only Special in Stock Gehl Model 1000 Harvester with the following features:

- 1000 Base unit with 11Lx15 flotation tires
- Electric Spout controls
- Electric Transmission shifter
- Hydraulic in Head Knife Sharpener that you never need to remove knives.
- Over running clutch on cylinder and blower fan are standard equipment, which saves tractor PTO clutch brakes (not offered on John Deere 3960, New Holland 892, or IH 881)
- Floating head mechanism.
- In line wagon hitch with Harvester tractor hitch.
- 2 row, low profile corn head with no pitman stalk cutting knife & cylinder & hoses to operate header lift.

A Super Value \$9,765
At Old Price:

Plus...Only 30% Down Now and balance carried on Gehl no interest contract till August 1, 1982 with regular financing available after that time.

Available Now For Tear Down: MADISON CONCRETE STAVE SILO

20'x30' approx., 5 years old, used only for dry sawdust storage, aluminum chute and roof with fill pipe and gooseneck. No epoxy on staves.

Also included: Jamesway Volumatic #2 Unloader with motor and electric control panels complete. Not run more than about 5 hours. Located in Phila. area. We can provide hauling.

CALL FOR MORE INFORMATION

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

HAYBUSTER BIG BALE BUSTER THE SENSIBLE SOLUTION FOR FIELD OR FEED BUNK FEEDING

Just lower the fork (hydraulic operation), back it under the bale and the bale is lifted into the shredder.

Use the BALE BUSTER for "bedding" - inside or outside. Drop adjustable deflector down for range feeding. Spreads bale in an easy-to-feed windrow.

Shredding big bales into feed bunks is an easy job for the BALE BUSTER. Flow control valve regulates grinding for coarse or fine feed... SENSIBLE!

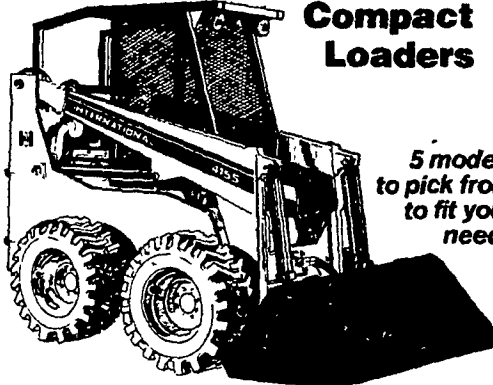
Shred big bales right in the field for range feeding. The BALE BUSTER lays ground hay evenly in easy-to-feed windrows - no trampling or hogging by cattle... SENSIBLE!
A one man operation, simply back up

RED WING FARMS
Fleetwood, Pa.
215-944-0791 or 215-944-9583
TRIPLE H EQUIPMENT
Peach Bottom, Pa.
717-548-2640 or 717-548-2094

HAYBUSTER

Box 1950
Jamestown, ND 58401
Phone 701 252 4601

International® Hustler Compact Loaders



5 models
to pick from
to fit your
needs

These hustling compacts go almost anywhere to put hydraulic muscle into dozens of heavy jobs. Skid-steer design lets them turn 360° within their own tracks. Buckets and attachments are available to put power into nearly every lifting, loading or pushing job you have.

	4125	4135	4136	4140	4155
HP	18	25	30	40	58
Lift Cap* (lbs.)	675	900	960	1300	2150
Dump Ht. (in.)	78	83	83	82 1/4	111
Width (in.)	34 1/2	46 3/4	46 3/4	55 1/2	62

*SAE operating capacity based on 1/2 tipping load capacity
Width less bucket or attachment

INTERNATIONAL
AGRICULTURAL
EQUIPMENT

Finance plans available.

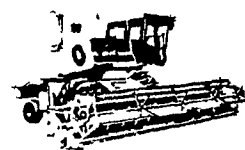
THIS WEEK'S SPECIAL

**4125 COMPACT LOADER
WITH TWO BUCKETS**

Now Only **\$5,990⁰⁰** One Only

R.S. HOLLINGER & SONS

113 W. Main St., Mountville, PA
PH: 717-285-4538
Hours: Mon.-Fri. 7 to 5:30; Sat. 7-12



MF

Massey Ferguson

15% Price Rollback to Dec. 31

on all New MF agr. w/13.9% 2 year financing or waiver of finance charges. Eligible used equipment 13.9% 2 year financing or waiver of finance charges.

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 540 diesel combine
MF 850 & 860 diesel combines

MF 1143, 1144, 1163 corn heads
MF 4880 diesel tractor
MF 13' and 15' tables and U/I reels.
MF 43 and 880 plows
MF 129 chisel plows
MF 226 and 227 snow blades

USED EQUIPMENT

MF 760 combine
2 MF 135 tractors
Bobcat Model 700
Melrose skid loader
JD 4020 Tractor
Allis Chalmers WD 45 tractor
Farmall Super H Tractor

Brillion 12' cultipacker
(2) 250 bu. gravity bins
MF 880 5 btm. 18" plow
Case 1160 combine
NH 285 baler
Ford 520 baler
MF 510 diesel combine

We Service All Makes Of Equipment
Large Inventory of New & Used Equipment

ABRACZINSKAS

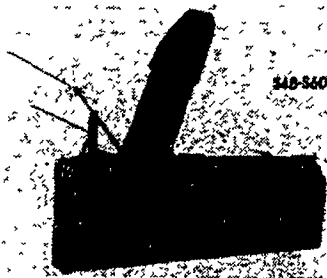
Farm Equipment, Inc.

RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

BER-VAC

SNOW BLOWERS
Built In The Snow Country
**WINTER IS COMING...
BE BER-VAC PREPARED**

You need to buy a BER-VAC before you need it



SNOW ALERT REMINDER

BER-VAC Snow Blowers are available in many models - designed for three-point hitch or front-end installations. For small, medium and large tractor owners, BER-VAC makes a Snow Blower for YOU. It's too late to order a snow blower when your lane is closed and you are snowbound. What can the loss of milk pickup or feed delivery cost you? Northeast winters can be rough - so order today. Snow blowers in stock for immediate delivery.

Model	Engine	Width	Height	Current Price	Sale Price
S-50	12.30	60"	73"	\$1135	\$1009
S-655	40-70	81"	34"	\$1977	\$1515
S-85	40-65	85"	27"	\$1755	\$1368
S-766	45-70	87"	34"	\$2089	\$1617

* Sale price good only on units in stock
* Don't miss your chance for an old price heavy duty snow blower

3 Pt.
Hookup
**YALE
HEAVY
DUTY
FORKLIFT**



Lifts approximately 12 feet high and about 2 ton lift capacity with appropriate size tractor
\$950

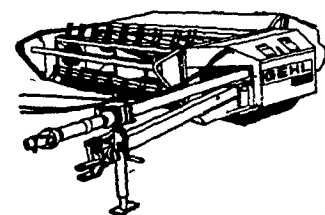
Buy now & take an additional 20% off this price

Brand New!
The New Generation
DUNHAM-LEHR
CULTIPACKERS - 40 SERIES
You Get
An Additional **15% OFF**
Our Sale Prices quoted Here



#40400 9'11" rolling width w/17" rollers, wt. 1250 lbs	\$1,081 25
#40500 12' rolling width w/17" rollers, wt. 1470 lbs	\$1,243 00
#40600 14'3" rolling width w/17" rollers, wt. 1695 lbs	\$1,451 25
#42700 22'8" rolling width w/17" roller wing w/cylinder & hose, 13'6" transport width, wt. 3935 lbs	\$4,512 50
#42300 24'9" rolling width w/17" rollers, wing transport width 13'9" w/cylinder & hose	\$4,628 75

**SAVE MONEY NOW on
a NEW HAYBINE**
For Next Spring!
Beat 10% Price Increase



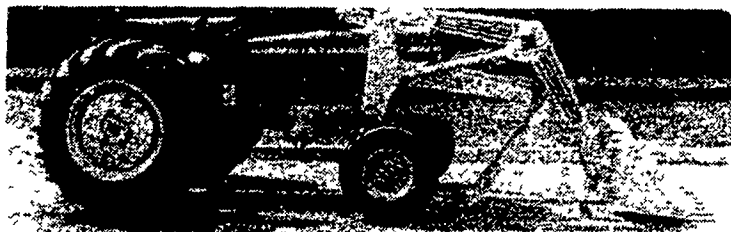
MODEL 1070, 7 Ft.
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.

Trade
\$4700 Up Now!
Plus additional 2% OFF

NEW MODEL 1090, 9 Ft.
Full Float Machine
\$5,553
Plus additional 2% OFF

DUNHAM LEHR Equipment

NEW EQUIPMENT IN STOCK

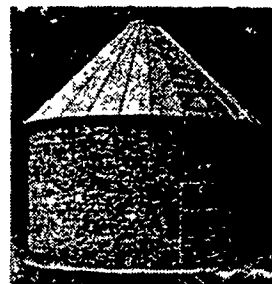


2 & 22 LOADER

- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save.

**FROM THE
ORIGINATOR OF
THE QUICK-ON;
QUICK OFF LOADER.**

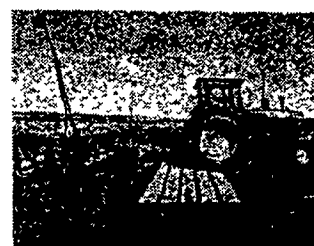
Cash & Carry Discount **20% OFF**



**BEHLEN CORN CRIB
MODEL FL 10**
Approx. 611 Bu
New List Price: \$766.24
DISCOUNT SALE PRICE

1 Only **\$598.50**
You can easily haul on a pick-up truck

**New Donahue Implement
Carrier Farm Trailer**



In Stock, Available For Immediate Delivery
8' wide by 28' long. Haul your wide machinery and round bales etc.

1 ONLY **\$2,597**
Cash & Carry Discount
Additional 23% OFF

Almost New!
**WESTENDORF
MODEL WL-42**
Heavy Duty Quick Attach
FRONT END LOADER
With Large Material
Bucket and Mounting
Brackets to fit MF
Model 175 Tractor



This loader has 3" dia. lift cylinders and is designed for up to 100 HP Tractors. Also has quick tach bucket on and off. Lift up to 12 1/2 ft. high. Also has 2 spool control valve with hoses.

New Selling Price over \$5500
Your Buying
Price On
This Unit Only **\$2800**

Cash & Carry Discount:
Additional 15% OFF



IH 990 9 FT. HAYBINE
Only used approx. 175 acres, 1 rubber roll, 1 steel roll, equipped with electric windrow placer
Original Price was: \$3,050

NOW **\$2980**
So Buy Now!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705

VERMEER

New Vermeer Balers
Rakes — Bale Unrollers

MARTIN

New Martin Spreaders
Gates and Pumps**NEW EQUIPMENT**Vermeer 504F Baler
Roto **SOLD** Tub
Grinder
Scranton Bale Feeders
Vermeer & Scranton
Bale Movers**USED EQUIPMENT**Brady Flail Shredder
Hawk Bilt 257 Manure
Spreader
Martin S 1466 Manure
Spreader**RED WING FARMS**RD #1378, Fleetwood, Pa. 19552
Phone 215-944-0791 or 215-944-9583**FARM EQUIPMENT SPECIALS**NH 1495 SP Haybine
12' \$11,500
NH L-775 60 H.P.
Skid Loader
\$6500
NH 782 Harvester
Electric Controls \$7500
NH 679 Spreader
\$5500**AG-Industrial Equip. Co.**301-658-5568
301-398-6132
215-869-3542

FARM EQUIPMENT

FARM EQUIPMENT

FORRESTER FARMS1337 Lincoln Highway East
Chambersburg, PA 17201

Phone: 717-263-0705

Sales - Parts - Service

Long One Day Sale
Dec. 9th2 IH 1066 w/cab
IH 784 w/cab
4 JD 4020 one w/cab
2 JD 3120
2 JD 2130 1 w/cab
4 JD 2120
4 JD 2020
D2 Cat crawler
Jaeger irrigation pump
MF 1080 w/cab
MF 175
New Long 610
New Long 510DT 4
wh. drive
New Long 460
New Long 360New Long traveling ir-
rigation unit
2 Ford 9600, 1 w/cab
Ford 9700 w/cab
Ford TW 10
Ford 8600
1 F (SOLD)
4 Ford 5000
Ford 4500 backhoe
Ford 9N
3 Ford 3000
Ford 841
Ford 772 A loader
Ford 641 diesel
Roadless 95 4 wh.
drive

1/4 Mile East of Exit 6 I-81

INVENTORY REDUCTION SALE

Thru December 31

10% to 20% SALE
on everything in stock**— HYDRAULIC SUPPLIES —**Pumps • Motors • Valves • Cylinders
• Hoses • Fittings • Tanks • Log
Splitter Components**— AIR SUPPLIES —**Air Compressors • Motors • Valves
Cylinders • Tools • Hoses • Tanks**— MISCELLANEOUS —**Belts • Pulleys • Sprockets • Roller
Chain • Storage Batteries • Oil • Pipe •
Fittings • Flex Couplers • etc.**SALES - SERVICE - INSTALLATION****BEILER HYDRA-MATICS**

Box 587, RD 3, New Holland, PA

717-656-7273Welding &
Machine ShopUPS
Service**INTERNATIONAL AGRICULTURAL EQUIPMENT****NEW TRACTORS IN STOCK**5288 w/C&A 3 Valves & Radials & 160
hp.
3688 w/Cab & Air 18.4x38 Tires, 110
Hp.
1086 w/C&A 20.8x38 Tires, 130 Hp.

ALL TRACTORS WAIVER OF INTEREST 'TILL 3-1-82

NEW EQUIPMENT SPECIALSIH 1250 Grinder/
Mixer-\$7380.....\$6100
IH 595 Spreader, 451
Cu' \$8287.....\$6950
IH 550 Spreader 249
Cu' \$4845.....\$4100
IH 540 Spreader 210
Cu' \$4233.....\$3650
IH 2250 Loader
w/Bucket \$3621.....\$2975

WAIVER OF INTEREST 'TIL 3-1-82

NEW TILLAGE EQUIPMENT SPECIALSIH 510 4-18 Plow.....\$4250
IH 510 5-18 Plow.....\$4650
IH 720 5-18 Toggle Plow.....\$6200
IH 720 6-18 Toggle or Land.....\$8250
IH 475 12' Disc w/Cyl.....\$4550
IH 475 17'8" Folding
Hyd. w/Cyl.....\$7250
IH 490 20'6" Hyd. Fold w/Cyl.....\$9500
IH 415 Packer Mulcher 12'2"
19" Packers w/Cyl.....\$4950
IH 5500 9' Mt. Chisel w/Gauge
Wheels & HC.....\$1950
IH 6010 10' Con.-Till w/Cyl.....\$3850

WAIVER OF INTEREST 'TILL 3-1-82

USED TRACTORSIH 966, D w/WF & 2.2 pt.....\$12,500
IH F 544 Diesel w/WF end
and 3 pt. hitch.....\$6850
2-IH F-M Any price range
IH 574 Gas 1295 hrs., nice.....\$6150
IH F 300 Gas w/2 pt.....\$1750

WAIVER OF INTEREST 'TIL 3-1-82

USED CORN HARVESTING & COMBINE EQUIPMENTIH Sheller for 234 Picker.....\$950
IH 76 Pull Combine.....\$650
Fox 1 Row Corn Head for a 546.....\$150
IH 2 Row Corn Head for IH 650.....\$250**USED HAY EQUIPMENT**IH 990 9' mower conditioner.....\$2350
IH 37 Baler w/thrasher.....\$1800
IH 15 Rake.....\$375
NH 479 9' Haybine.....\$1500
IH 27 Baler w/thrasher.....\$1500
NH 56 Hay rake.....\$750
IH 430 Baler w/thrasher.....\$2650
Van Dale Forage box
and chassis.....\$1250
Gehl 72 6' Flail Chopper.....Coming In
NH 7 Forage Wagon.....\$1650

WAIVER OF INTEREST 'TILL 5-1-82

USED TILLAGEIH 510 4f 16" nice
w/cylinder.....\$2150
IH 720 6f 18" like
new w/cylinder, toggle trip. \$6500
MF 4f 14".....\$300

WAIVER OF INTEREST 'TILL 3-1-82

USED SPREADER AND MISC.IH 530 Spreader.....\$1350
IH Wagner Loader w/buckets.....\$450
IH 550 w/new apron.....\$2250
Century 300 Gal. Sprayer.....\$650

WAIVER OF INTEREST 'TILL 3-1-82

USED PLANTERS AND DRILLSIH 400 6 row 30" real nice.....\$5950
JD 494 4 row shoe.....\$400
IH 56 2 row real nice.....\$1250
IH 400 4 row 38".....\$2500
JD 494 A w/new hoppers.....\$1350

WAIVER OF INTEREST 'TILL 5-1-82

MIFFLINBURG FARM SUPPLY, INC.East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner**TRACTORS**IH 2500 Industrial Tractor
w/Loader
IH 706
IH 674 D
IH 656
IH 606 D
IH 574 D
IH 544
IH 434
IH 400
IH 350
IH 330
IH 300
IH Super MTA
IH Super C
David Brown 995D
Case 800 D
JD 820 D
MF 165 D
MF 165 D
MM 55 for
Gehl #M6
Bobcat M600
JD 70**FORAGE WAGONS**Badger 1410
Gehl BU 85
AC
NH #8
NH #6
VanDale 185 Mixer Wagon
w/Scales**MOWER CONDITIONERS**IH #225 SP
IH 990
NH 479
Hesston 1014
OMC 216
NI 270
IH 15 Rake
IH 35 Rake
JD Hay Tedder
Farmhand Windrow Turner
IH 100 Sickle Bar
IH 1000 Sickle Bar
Ford 14-9B Sickle Bar
IH 28 Rotary Mower**NEW IDEA UNI**705 w/Super Chopper and 3R
N.C.H. and Hay Pickup
702 w/Combine
NI 744N Corn Head
NI 324 Corn Picker
NI 325 Corn Picker
Oliver #5
IH 234
IH 205 Combine
IH 303 Combine
IH 715 Combine**MANURE SPREADERS**NI 213
NI 214
NH 202 Ground Drive
NH 676
IH 580
Better-Bilt 10' Vertical Pump
Better-Bilt 18' 3 pt. Pump
Badger 102 8' Vertical Pump
IH 2250 Loader

IH 2000 Loader

IH 2001 Loader

TILLAGEIH 710 4x16 Plow
IH 710 5x18 Plow
IH 735 5x18 Plow
IH 700 4x16 Plow
IH 710 3x16
Kasco Chisel Plow
Ford 3x16 Plow
IH 311 3x14 Plow
IH 45 Vibra Tine Cultivator
MF 4 Row Cultivator**PLANTERS**IH 400 6 Row no-till
IH 400 4 Row no-till
JD 1240 Row
IH 449A 4 Row
JD 290 2 Row
IH 56 4 Row
IH 440 Baler
IH 46 Baler
NH 269 Baler
NH 69 Baler**FORAGE HARVESTERS**IH 830 3R Head and Pickup
IH 650 2R Head and Pickup
Fox 3000 2R Head and Pickup
IH #16 1R Head and Pickup**FLAIL CHOPPERS**Brady 722
Brady 608**20%
DISCOUNT
ON
TOYS**

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533**SPECIAL CLEARANCE BUYS****NEW JOHN DEERE EQUIPMENT**2040 Tractor
336 Baler w/ejector
HD 336 Spring Tooth
Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on
New Utility Tractors
and Equipment sold
with tractors. Also
Lawn & Garden
Tractors**OTHER EQUIPMENT AVAILABLE**JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear
Blade 6'
Bush Hog 1123-7' Rear
Blade 6'
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050
Tractors
Century 500 gallon
Liquid Fertilizer
Sprayer**USED EQUIPMENT**JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
ACC, WC, WD
Ford 8N
Farmhand Chuck
Wagon
NH #6 Chuck Wagon
JD KBA Disc
JD 55 Combine w/Corn
Head
JD 95 Combine w/ Corn
Head
AC Gleaner CII w/C.H.
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 CutterSpecial Deals on More
Equipment not listed.
See us Now!Call For Details.
**MILLER'S SALES
& SERVICE INC.**West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

FARM EQUIPMENT



SPERRY NEW HOLLAND
AMCO NEW IDEA

The following NEW machines have been reduced for clearance.

Hesston model 7650 Field Queen with front wheel power assist

NH model L775 loader w/Deutz engine

NH model 114 pivot tongue wind-rower (12' header)

NH model 852 auto-wrap round baler

NH model 847 round baler

NH model 800 manure spreader (14 ton)

NH model 489 haybine w/stub guards

NI model 323 cornpicker

HUTTON FARM EQUIPMENT

814-277-5504

UNICORN FARM SERVICE

JAMES E. LANDIS

PATZ SALES & SERVICE

TERRE HILL SILOS

QUARRYVILLE, R.D.#2, 17566

CALL 786-4158

MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators

Silo Unloaders
Cattle Feeders
Material Movers
Conveyors



New Equipment Sale

Diesel Tractors	List	Sale
2440	\$21,183.00	15,900.00
2640	22,838.00	15,995.00
4040	31,414.00	23,500.00
Plows		
1250 - 3 BTM 16 in.	2,430.00	1,695.00
2600 - 5 BTM Spring Reset Disk	9,765.00	7,295.00
225 - 12 ft. offset	6,091.00	4,650.00
115 - 10 ft. Chisel Plow	4,533.00	3,850.00
1610 - 11 ft. Pull Type	4,246.00	3,295.00
Mower Conditioner		
1209	8,470.00	6,495.00
1320	11,027.00	9,295.00
Spreaders		
34	3,505.00	2,895.00
445 Flail	5,255.00	3,725.00
465 Flail	5,910.00	4,295.00
Loaders		
143	2,266.00	1,595.00
158	4,194.00	3,295.00
260	5,057.00	4,095.00
Rear Blades		
45 - 6 ft.	430.00	350.00
65 - 8 ft.	714.00	625.00
78 - 8 ft.	544.00	450.00
88 - 8 ft.	869.00	775.00
115 - 8 ft.	1,377.00	1,050.00
115 - 9 ft.	1,601.00	1,225.00
155 - 9 ft.	2,520.00	1,825.00
Rotary Cutters		
609 pull Type	2,304.00	1,995.00
709 - 3 pt.	2,469.00	1,975.00
Wagon		
1075 10 ton	2,509.00	1,450.00
Sprayer		
550	4,462.00	3,195.00
Power Till Seeder		
1550 Demo	10,996.00	6,595.00
Forage Equipment		
3 row - row crop head	6,587.00	4,200.00
Bulldozer Blade		
534 - 9 ft.	3,149.00	2,395.00
Post Driver		
51	953.00	725.00

1981 Tire Inventory Sale

	Sale
1 - 13.6x38 - 6 ply Super Torque	\$178.88
6 - 13.6x38 - 3 ply Traction Torque	194.40
2 - 16.9x30 - 6 ply Goodrich	240.00
2 - 14.9x28 - 6 ply Power Torque	214.56
3 - 15.5x38 - 8 ply Power Torque	435.26
1 - 11.2x38 - 4 ply Traction Torque	150.17
4 - 15.5x38 - 6 ply Traction Torque	273.18
1 - 18.4x34 - 6 ply Power Torque	499.36
1 - 18.4x34 - 8 ply Power Torque	499.36
2 - 14.9x26 - 6 ply Power Torque	307.30
1 - 13.6x38 - 6 ply Power Torque	194.40
2 - 8.3x24 - 4 ply Traction Torque	70.56
2 - 11.2x28 - 4 ply Traction Torque	119.22
2 - 15.5x38 - 8 ply Super Torque	395.00
1 - 12.4x24 - 4 ply Traction Torque	119.87
1 - 14.9x28 - 6 ply Firestone A.T. Field & Road	150.00
2 - 16.9x28 - 6 ply Power Torque	259.31
2 - 18.4x30 - 6 ply Goodrich	187.50
2 - 12.4x38 - 6 ply Traction Torque	234.77
2 - 23.1x26 - 10 ply Power Torque	820.56
1 - 13.9x36 - 4 ply Traction Torque	156.66
2 - 18.4x38 - 8 ply Power Torque	549.76
2 - 20.8x38 - 10 ply Firestone A.T.	900.00
2 - 13.6x28 - 6 ply Power Torque	145.00

Waiver of Finance available on all New JD tractors 'till 6-1-82
Call for Details

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

PUT YOUR MONEY IN THE BANK

Buy A New IH Tractor From Us Now, Trade In Your Used One And Put Your Money In The Bank Until March 1, 1982

NO PAYMENTS, NO INTEREST CHARGES

RINGTOWN FARM EQUIPMENT

RD 1, Ringtown, PA
717-889-3184

New Tractors At Old Prices

1086 w/cab	584 row crop
786 18.4x38 tires	84 hydro row crop
84 hydro row crop	184 w/mower

Combine

1420 combine w/corn & grain heads.
Waiver of Finance till 9-1-82
IH Commodity Bonus

New Implements All w/Waiver Dates

800 cyclo planter	5-1-82	770 offset disc 13'8"	3-1-82
5100 grain drill	5-1-82	370 disc harrow 12'	3-1-82
720 5 btm. auto reset plow	3-1-82	401 harrow 12'	3-1-82
720 4 btm. plow	3-1-82	45 Vibra Shank 12'	3-1-82
140 4 btm. roll over	3-1-82	2250 loader	3-1-82



Nothing runs like a Deere

Hot Special On NEW EQUIPMENT

	List	SALE
JD 1207 mower conditioner	\$6900	\$4,500

	List	SALE
JD 410 round baler	\$8,300	\$6,500
JD 850 tractor w/dual outlets (ready to put a log splitter or bucket on)	7,400	5,800
JD 25A flail mower	1,875	1,400

JUST CAME IN

Nice JD 2640 w/canopy
Nice Case 995 w/cab
JD 4030 4 post w/enclosure
IHC 1486 w/duals A-1 Cond. \$1250

THIS WEEK'S SPECIAL ON USED HAY EQUIPMENT

Free Financing Till May 1, 1982

	List	SALE
JD 336 w/#30 ejector	\$4,600	\$4,200
JD 24T w/#2 ejector	1,600	1,195
JD 14T baler w/#2 ejector	1,495	695
JD 14T baler w/#1 ejector	495	395
JD 14T baler w/#1 ejector	685	450
NH 68 w/53A thrower	1,100	795

MOWER CONDITIONERS

JD 1209	2,800	2,195
JD 1209	4,200	3,600
NH 1469 haybind. SP	4,000	2,800
Owatonna 700 SP	3,500	2,400
NH 469	1,875	1,200
NH 469	2,100	1,500
Case 7	1,995	1,495

Repossessed Planters

JD 7000 planter. 4RN maxmerge. new never used	8,950	8,400
JD 7000 planter. 4 row c. (SOLD) vation. like new	9,500	8,600
IHC 760 offset disc. like new cond. 12 ft.	3,500	3,200

NO TRADE ON SALE PRICES

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235



BROOKS FORD TRACTOR, INC.



FALL OIL SPECIAL

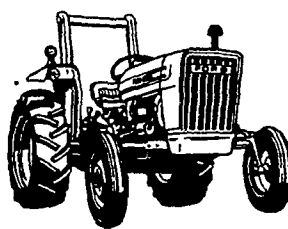
1/2 PRICE

10 WT. DIESEL ENGINE OIL

Reg. \$6.25 gal.

SALE PRICE **\$3.10** gal.

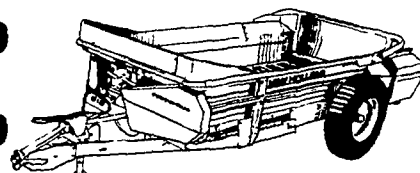
FORD CLEARANCE SPECIALS



(While They Last)	
1981 FORD 3600 (40 H.P.) No Trade	\$10,200
1981 FORD 6600 (68 H.P.) No Trade	\$15,500
1979 FORD 4600 With Cab 830 Hrs. No Trade	\$11,300
1932 FORDSON	\$400

NEW HOLLAND SPECIALS

Lease Returns (1) 513
Spreader 2 Beater w/manure pan **\$3,000**
Lease Returns (3) 519
Spreader 2 Beater w/Manure Pan **\$3,500**
(1) 303 Liquid Spreader. **\$9,200**



GOOD USED EQUIPMENT

Mower Conditioner . . . Owatonna 208	Spreader New Idea 217
Mower Conditioner I.H. 816	Plow (2 way) Ford 145
Mower Conditioner A.C. 390	Trailmower New Idea 254
Mower Conditioner New Idea 290	Harvester N.H. 707
Flail Chopper N.H. 33	Crusher N.H. 404
Baler N.H. 273	Forage Wagons N.H. 7

BROOKS FORD TRACTOR, INC.

West College Avenue
Pleasant Gap, PA 16823
PH: 814-359-2751

FARM EQUIPMENT

Case 1150 loader w/ripper \$6,950
Austin Western 4WD grader w/cab and snowplow \$3,750
18 C 2544 diesel w/6 way blade, ROPS and trencher \$4,500
Case 1737 unloader \$3,750
2 axle tag-along \$950
1 axle till trailer \$575
Ford C-850 w/Hyd. trailer and winch \$7,500
Ed Goodrich Jr.
Newark Valley, NY
607-642-8688
607-642-8519

FARM EQUIPMENT

BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651

BALDOR ELECTRIC MOTORS

Warehouse and Factory Service

½ hp. thru 10 hp. 1 ph.

½ hp. thru 100 hp 3 ph.

FARM DUTY MOTORS IN STOCK

P.O. Box 232, Honey Brook, PA 19344



TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Rebuilt TA assemblies in stock for IH tractors. New and Rebuilt; Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A, B, C through 1586, also for most models of IH combines

Complete TA assemblies for 706-1586 are priced at \$550 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag. The Dana sprag is guaranteed for 2 yrs. against failure. Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons. Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at \$150 each and carry a 90 day guarantee. We have parts needed for TA repair in stock at prices which will save you money. Shop is available for complete TA installation or split the tractor yourself and send the center housing to us. Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory.

Selling parts from the following:
Please have part no. when calling if possible.

Quality Reconditioned Engine Parts
We have blocks, cranks, and heads in stock from tractors we have salvaged which have been reconditioned by the most precision-oriented machine shop in the county. We do not sell weld-repaired parts. If you want new quality parts at a used parts price, we can help you. Parts are sold w/a 90 day replacement warranty

Tractors - IH 1066, 806, 706G, 616D, 450D, 460, 340, 300, M, SM, W, 6 & A, JD 520, 2020D, 60, A, B, Oliver 1555; G-wfront, year round cab

Combines - IH 203, JD 30 & 55, MF 35, Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers. MF 510 G Quick Tach Corn Heads - IH 429 WN, 430, 228, 227, 328 WN

Parts shipped direct thru UPS & Parcel Post at
No Extra Charge To Retail Customers

J. EDWARD LEAMAN

RD #1, Box 474 Willow St., PA 17584
717-464-2874



Nothing runs
like a Deere

USED MACHINERY

TRACTORS:

MF 180D, WFE, New Rubber \$7900
Farmall 460 gas, clean \$3985
Oliver 77 \$900
Satoh Beaver 15 hp diesel w/54" mower, 1 yr. old \$4200
Special! \$3800
AC 185 diesel, w/cab, 1400 hrs. \$14,500
JD 720 Dsl. \$3900
JD 630, tricycle \$3200
JD 60 w/3 pt. hitch \$1800
JD 4000 Dsl. WFE w/cab \$12,500
JD 4020 Dsl. WFE \$9750

HAYING:

JD 16A chopper \$1800
NI 290 mower-conditioner \$1800
IH 1190 mower-conditioner \$4200
IH 440 baler w/thrower \$2800

FORAGE:

Fox SPF 2RN 6½' Pickup \$6900
Fox 2RN Snapper Head \$3500
IH 650 w/2XW - Pick Up \$1500
IH 555 w/2XW - Pickup \$1400
JD 38 w/2RN \$1800
JD 3800 Long Tongue for Parts \$1100

COMBINING:

JD 237 MTD Picker \$1400
JD 42 pull type \$1400
JD 40 \$2900
Oliver 525 self propelled, w/11' grain & 2 row wide \$6000
JD 444 corn head \$5000
JD 6620 side hill w/15' platform \$56,000
Coming in...
JD 4400 Diesel w/13' Platform & 443 Corn Head \$29,500

TILLAGE:

Pittsburg 4x16 3 pt. plow \$550
MF 4x16 3 pt. Plow \$500
JD 310 disc, 12' \$4600
White Off-set disc, 11' \$4600
JD 350 5/16 reset plow w/cushion coulters \$3100
JD 145 5/16 Plow \$1000
JD 950 12' Roller Harrow \$2900

PLANTERS:

2 IHC 56 4 row exc. \$2700 ea.
2 Oliver 540 4 row \$600 ea.
JD 1250 6 row plateless w/monitor \$1900
IH Cyclo 4 row no-till \$2500
JD 1240 plateless \$1200

MISCELLANEOUS:

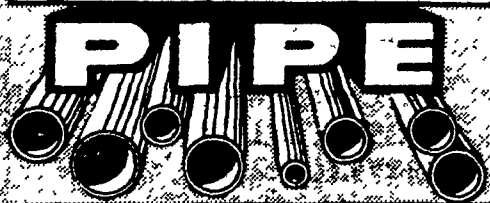
JD 680 Manure Spreader, 400 bu., like new \$5900

WINELAND EQUIP. INC.

RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE
OF DELAWARE DIRECTLY
FROM WILMINGTON



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL
SCHEDULES - ALL TYPES FABRICATION - THREADING
CUTTING - WELDING

121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240



USED EQUIPMENT

Tractors

Farmall A
Farmall C
Farmall M
IH 240
IH I-656 Gas Hydro
IH F986 D
IH F504
IH F560 Gas
IH F1066 D
IH F300 Gas
JD Cyclone B
MH Pony Outfit with Hydraulics
Ford 8N
Oliver 88D

Plows

IH 550 5-Bottom
IH 531 3F
IH 700 6F Auto. Reset
IH No. 8 Trailing
3F Trailing Plow
Fast Hitch 2 way
MF 3F 16" Mounted
MF 5F 14" Mounted
JD 3F 16" Mounted
JD 4F 14"
Oliver Chisel Plow
JD F125 3F
Ford 5F 18"

Tillage

IH 122 Mtd. Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
McConnel 20' Spring Tooth Harrow with Transport
JD 10 Ft. Roller Harrow

Combines & Cornheads

IH 127
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
IH 844 Corn Head

Hay Machines

NI 402 Rake
IH 430 Baler
IH 46 Baler w/Thrower.
IH 37 w/thrower
IH 420 Baler w/Thrower
IH 10 Bale Thrower
IH 27 Mower
IH 100 Mower
IH 115 Mower
IH 990 9 Ft. Mower Conditioner
IH 1190 Mower Conditioner 9 Ft.
M.C. Rotary Scythe
Kubota 60" Mower
JD 2 pt. Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NH 67 Baler
JD 214 Baler

Pickers

IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker

Planters & Drills

IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.
IH 400 Cyclo 4 Row
JD 494 Planter
JD 13x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

Forage Equipment

IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower

Miscellaneous

NI EGT 100 electric garden tractor
IH 20 Loader For Super C
IH 85 riding mower
IH 147 Cadet w/Mower
Sears 6 HP riding mower
Snow Blowers For Cadets
IH 530 Spreader
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Sunmaster B90 Mower
Woods Cadet 60 Mower
Woods RB7 Blade
Woods M5 Rotary Cutter
Walsh 300 Gal. Sprayer
IH 40 Spreader
IH 580 Spreader
IH 550 Spreader
Badger 205 Spreader
Starline 950 Spreader

This Week's Special...

NEW IH HYDRO 84
Ideal Loader Tractor

SWOPE & BASHORE, INC.

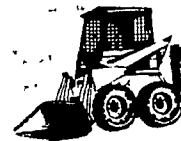
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467

FARM EQUIPMENT

FARM EQUIPMENT

RENTAL

SPECIALIZING IN RENTAL OF
SKID LOADERS & BACKHOES



STOLTZFUS MFG. CO.

R.D. #1 Box 700
Honey Brook, Pa. 19344
Phone - 215-273-3376
or 215-273-3050

C.J. WONSIDLER BROS.



Trumbauersville to Finland Rd., Quakertown, PA
Call (215) 536-1935, 536-7523
OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611

"BUY NOW & PAY NEXT YEAR!"
Buy today and get waiver of finance
on used tractors until May 1, 1982,
and on used combines until
September 1, 1982.
Offer subject to change without notice.

TRACTORS

MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 50
Ferguson 30 w/loader
Ford 3000 G
Ford 800
Ford 601
Ford 9N
White 250 D, like new!
Oliver 1850 D
Oliver 500 D
Oliver 55 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall M
Farmall H
Case 630 w/loader
(3) Case 300
Case DV
(2) JD 60
Satoh Elk 550 w/low hrs.
AC 7040 D w/cab
AC 7020 PS D w/cab
AC 200 D
AC 190XT D w/cab
AC D19
AC D17 D
AC WD45 G
AC WD G

COMBINES

Gleaner MKS w/13' grain & 630 corn heads.
Gleaner FKS w/grain & corn heads
Gleaner All w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55' Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni-System 704 w/17' combine, 4 row corn head
Behlen 400 BU. Grain Dryer

CORN PICKERS

NI 105 w/307 husking bed, fits JD 3020
NI 305 w/307 husking bed & 302 sheller for Farmall tractors
NI #10 1-row
NI #7 1-row
AC 170 2-row w/husking bed, like new!

AVCO NEW IDEA

MANURE SPREADERS

(2) NI 213 Flail, 176 BU.
(2) NI 213 Single Beater, 176 BU.
(2) NI 213 Three Beater, 176 BU.
NI 218 Single Beater, 318 BU.
NI 218 Single Beater, 318 BU., EX COND
NH 516 Single Beater w/ endgate, EXCEL.
NH 365 Tank Spreader w/hyd. lid, 6 TON
Hawk Bilt 255 Tank Spreader, 7 TON



SPECIAL SALE

Meyer's 7', 8', & 9' snowblades for farm tractors
in stock and ready to go!!! CALL TODAY!!!

SPERRY NEW HOLLAND

Lobachsville, Oley, PA (215) 987-6221, 987-6257

FARM EQUIPMENT



December New Tractor Specials
 4600 Ford 52 h.p. \$12,750
 5600 Ford 60 h.p. \$14,600
 6600 Ford 70 h.p. \$16,000

USED TRACTORS

Ford 3000 Diesel
 Oliver 770 Gas

USED TILLAGE EQUIP.

Oliver 5 Btm auto reset plow
 White 508 4B 18' Auto plow
 Ford 142 4B Semi-Mtd Plow

USED HAY TOOLS

Hesston PT10 Windrower
 Hesston 1010 Hydro Swing Windrower
 NI 290 Mower Conditioner
 MF Dyno Balance Mower
 Fox SPF Fg Harvester

MISCELLANEOUS

Grain Chief 450 Dryer

COMBINES

White 8700 (1980)
 MF 410

STANLEY'S FARM SERVICE

RD Box 46
 Klingerstown, PA
 717-648-2088

END OF FALL SPECIALS

Ford 6600 diesel, big rubber, 1100 hours, like new cond.
 Apple stalk chopper, good cond.
 Thrower for 273 baler, late style
 New 5' Bush Hog Rebel model, only 1 left, list \$750, our price \$595
 Minn-Moline model D corn sheller, PTO good cond.
 NI 751 hay conditioner, nice
 NH Super 26 blower, ex.
 Oliver 2-16 Raydex plow, latter lift
 Papec 880 mixer, good cond.
 NI 214 spreader, extra clean, exc. cond.
 Pollard wheel rake, new teeth Brady hay conditioner
 IH #9 grass mower, excellent
 NH 258 rake, brand new
 NH 477 haybine, nice
 New 3 pt. wheel rake
 New 6' bucket to fit Swartz or Oliver manure loader
 Brillion cultimulcher 9' & 10', both w/ 4" axles
 New Kubota 2x12" 3 pt. plow, special price
 Peak Anti-freeze \$3.99/gallon or \$3.95 by the case
 Cash and Carry Sales and Service on farm tires

DI IMPLEMENTS

Located in Reistville midway between Myerstown and Schaefferstown along Rt. 501
 717-949-3074

SPERRY NEW HOLLAND
NEW HOLLAND BARGAIN OF THE MONTH

L-35 Skid Loader, rental unit under 400 hrs. full 12 mo. warranty

*9900

M & R EQUIPMENT, INC.
 New Park, PA
 717-993-2511
 717-246-1972

RECONDITIONED EQUIPMENT FOR SALE

JD KBA 20 and 24 Blade Discs
 JD 9' and 12' Spring Harrows
 Oliver 12" and 14" Plows
 New Idea 751 and 752 Crimpers
 MC 1 row cultivators
 Garden Shovel Harrows
 JD 999 Corn Planters with or without plateless units
 Ground Drive Fertilizer Spreader

Plateless Units Mounted on Any Kind of Corn Planters

New bale boxes tobacco presses
 9' Cultipackers
 1 - Real Good Lely Fertilizer Spreader available
 New VICONs

950 and 1400 latest model (bigger sizes available) Pendulum action fertilizer spreaders, 3 angle spreading width up to 45 ft.; ground drive cart for spreaders with clutch; gas or diesel engine driven carts, PTO 3 point hitch.

Trailer carts for tractors without 3 point.
 Special prices on all equipment thru Dec.

20" 7 gauge disc blades
 List \$17.50
SPECIAL \$11.85

For hauling, information and prices
 Call 717-529-2717
 General Welding Repairs

SAM K. ZOOK
 Box 89 along Coopers Dr.
 Kirkwood, Pa. 17536

Hollinger tractor co.

749 Rothsville Rd. Lititz, Pa. 17543
 717-626-1120 or
 Lee Dull (Res) 717-949-3451

CRAWLER LOADERS

Cat 955 12A \$6,500
 Cat 933G Sharp \$7,500
 TD9 Real Good \$5,500
 AC HD 6 \$4,500
 JD 440 Dsl, sharp, \$5,500
 JD 420 Gas, as is, needs work \$2,500

BACKHOES

Ford 4500 Gas Backhoe w/Loader Sharp \$6,500

CRAWLER DOZERS

HD11B w/blade \$7,500
 JD 350 6 way \$6,500

TRAILERS

New General 3 axle 9 ton Tag-Along \$4,850
 Patsco 25 ton drop deck, tandem axle \$4,500
 Drop Deck, single axle, good \$2,000
 1978 General 10 ton w/tandem axles, like new \$6,000
 Trailmobile 25 ton Lowboy Trailer Tandem Axle \$6,500

TRUCKS

1972 Ford 10 wheeler dump diesel 9,000
 B-61 Mack Dump Truck \$2,500
 Int. 1973 2070A Truck Tractor Diesel \$6,500
 Sharp \$7,500
 1967 10 wheeler dump w/238 Det. \$7,500

RUBBER TIRE PAYLOADERS

Hough 30 \$6,500

ROLLERS

Rosco, Vibratory \$2,500
 Rosco 1 ton \$1,500

MISCELLANEOUS

(2) Winch to put on truck-tractor Make Offer
 Winch to fit JD 350 \$1,850
 Riding Sweeper \$950

TRACTORS

Farmall H, good shape JD 110 14' disc \$1150
 AC D14 (2)- JD 12' disc \$950 ea.

MISCELLANEOUS

Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.
 IH 8' disc \$1650
 Hesston 12' hydro swing haybine \$1650
 NH 1469 self propelled haybine w/cab \$2500

COMBINES

MF 35 SP 8' cut \$2000
 MF 300 w/cab \$2500
 MF Super 27 Clean \$850
 MF 410 grain head, nice \$950
 IH 700 7 btm. 16" plow \$1200
 IH 5 btm plow 16" \$750
 JD 5 btm plow 16" \$975
 NH 40' elevator \$2000
 AC 66 pull \$2,000
 IH 203 10', PS \$2,000
 JD 30 auger feed, pull \$2,000
 IH 93 10' \$2,000
 JD 40 10' clean \$2,000
 IH 80 auger feed pull \$2,000

PICKERS

IH 2PR 2 row pull type \$1,500
 NI 305 mounted picker \$1,500
 NI 7, \$500

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50' & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
 Phone: 717-362-9574

ANTIQUE TRACTOR BOOKS!
MAKE IDEAL CHRISTMAS GIFTS

NEW!

"FARM TRACTORS IN COLOUR"

80 years tractor history, 118 full colour photos 183 pages \$11.95

"STEAM POWER IN AGRICULTURE"

100 years steam power covers development of engines and machines to help break prairie lands etc. 103 full colour photos 184 pages \$11.95

"STEAM TRACTION ENGINES, WAGONS, AND ROLLERS"

158 coloured photos 180 pages \$11.95

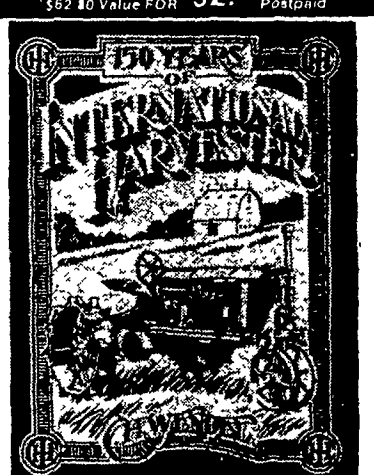
"THE ENCYCLOPEDIA OF AMERICAN FARM TRACTORS"

Covers tractors from 1880s to 1979 also covers Canadian Manufacturers 1500 photos 352 large pages Hard Leatherette Cover \$28.95

SPECIAL!

Complete Above Collectors Library 3- Hardcover Books \$52.80

\$62.80 Value FOR \$52.80 Postpaid



NEW! "150-YEARS INTERNATIONAL HARVESTER"

ALL TRACTORS & SERIAL NUMBERS UP TO 1980 EQUIPMENT STATIONARY ENGINES and trucks are covered 2000 photos 418 pages Hard Leatherette Cover \$26.95

"ENCYCLOPEDIA OF AMERICAN STEAM TRACTION ENGINES"

Acclaimed one of the best steam books ever published sections on PORTABLE ENGINES PLOWING BALERS THRESHERS etc. 1250 large photos 320 large pages Hard Leatherette Cover \$23.95 Postpaid

EXTRA CHRISTMAS SPECIAL!

COMPLETE ABOVE LIBRARY ALL 3- Hardcover Books \$113.70 Value FOR \$88.70 Postpaid

ALL ABOVE BOOKS SHIPPED POSTPAID Free Illustrated Book Circular DIAMOND FARM BOOK PUB LISHERS Dept LF Box 537 Alexandria Bay NY 13607 Telephone (613) 475 1771

FARM EQUIPMENT

FARM EQUIPMENT

NEW TRACTORS:

MF 265
 MF 255

Used 424 Int. w/loader \$4800

NEW COMBINE

MF 540

NEW IMPLEMENTS

MF 820 Disc Taylorway 600054 Disc
 MF 925 Haytender Brady 3270 Cultivator Brady 1800 Chisel Kiker 300 gal. Sprayer White 25 Disc Taylorway 600003 Chisel
 White 256 Disc MF 220 Disc White 5400 Planter Dry No Till McCurdy 275 Gravity Box Less Gear
 McCurdy 230 Gravity Box Less Gear
 MF 200 Forage Harvester
 MF 260 Forage Harvester
 Fox 2310 Forage Harvester
 Fox 6354 S/P Forage Harvester, 4 WD-Special Price!
 MF 124 Baler All Sizes New MF Corn Heads *Now Available

NEW GT DRYERS NOW AVAILABLE

Rebates of \$750 - \$1000
 Now Available Thru December Only.

USED COMBINES:

All Diesels unless stated
 MF 760 Turbo 6 1979
 MF 760 V-8 1978
 MF 750 Turbo 6 1978
 MF 510 1977
 JD 45 W/Grain Head
 OL 525 w/2 row CH 11 Ft Grain Gas
 NH 975 Combine
 NH 1400 Combine
 MF 540
 JD 6600 Combine

ALSO LIMITED SUPPLY OF USED CORN HEADS AVAILABLE SO SHOP EARLY

Fast next day parts shipment to your door via UPS.

GUS FARM EQUIPMENT, INC.



Intersection of Routes 616 & 214
 Seven Valleys, PA
 (717) 428-1967

See Us About IH Purchasing Programs.
NEW EQUIPMENT
Call for Prices

Gehl 360 skid steer loader
 Gehl 1600 round baler
 IH 425 baler w/thrower
 IH 1190 mower-conditioner
 IH 200 2 row, 3 pt. cultivator
USED EQ. SPECIALS
 Ford 740 tricycle w/Johnson loader. Reg. \$1975 Special \$1650
 IH 990 mower-conditioner Reg. \$2250 Special \$1850
 AC 303 baler w/thrower Reg. \$1550 Special \$1295
 IH 715 combine Reg. \$17,500 Special \$15,900

USED EQUIPMENT:

766 Tractor \$12,400
 1066 tractor \$13,800
 MF 65 diesel w/industrial loader \$4750
 IH 550, 5 x 16 plow \$1250
 IH 4x14 trail plow \$375
 JD 12' Mtd. Vibra Shank harrow \$1550
 IH 400 Cyclo 4 row planter \$3450
 IH 400 Cyclo 4-row planter \$2975
 Pincor alternator with trailer \$1495
 Fox blower \$750
 468 4-row cultivator \$850
 2 A-Hay Crusher \$95
 NH 770 forage harvester w/2 row narrow row hd. & pickup hd. \$3500
 #10 hoe drill \$1950
 #10 single disc drill \$2300
 Ontario 12x8 hoe drill on steel \$435
 Arts-Way grinder-mixer \$1375
 IH 1150 grinder-mixer \$2350
 Bale wagon \$795

INCH EQUIPMENT CO.

Dalmatia 717-758-3021
 717-758-6491
 35 miles North of Harrisburg, PA on Rt. 147



U.P.S. Service Available

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

TOTAL MANAGEMENT MAKES THE DIFFERENCE!

The AG-BAG Sealed Storage System works with you as part of the total management program which can cut feed costs...improve nutrition...and increase your production and profits.

☐ I want to know more about the Ag-Bag System

Mail To: **AMERICAN AG-BAG INC.**
50 E. 28th Division Highway
Lititz, Pa. 17543

NAME _____

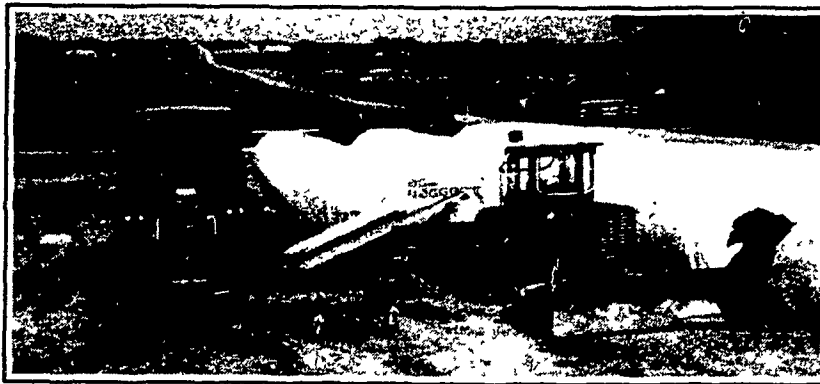
ADDRESS _____

CITY _____

STATE _____ ZIP _____

PHONE _____

AG-BAG THE AFFORDABLE SYSTEM



AMERICAN AG-BAG INC. FORAGE SYSTEMS

50 E. 28th Division Highway
Lititz, Pa. 17543 Rt. 322 & 501 in Brickerville
Lancaster County, 717-627-3665

Exclusive Dealer For Pennsylvania, New Jersey, Maryland, Delaware,
Virginia, West Virginia Note: We Need Part Time & Full Time Salesmen For These Areas

AG-BAG INFORMATION MEETING

To Be Held At The Lititz Office
WEDNESDAY, JAN. 20, 1982
at 7:30 P.M.

CUSTOM BAGGING AVAILABLE
CALL COLLECT: 717-627-3665

FEATURES

- ALL HYDRAULIC OPERATION
- SELF POWERED UNITS AVAILABLE
- EASILY TRANSPORTABLE

Leasing & Bank Financing Available

Field Queen	SALES, SERVICE	Hesston
Forage	&	Farm
Harvesters	PARTS	Equipment

See The New Number 1's...
IH 5088 & 5288 TRACTORS ON DISPLAY AT OUR DEALERSHIP!
SPECIAL REBATE AVAILABLE TIL JAN. 31, 1982

ANNOUNCING WAIVER OF FINANCE!

- ★ **WAIVER OF FINANCE TO 3/1/82
ON THESE TRACTORS IN STOCK!**
- 1086 Rental • 3788, 3688 & 5288 Diesels
 - (2) 584's At Old Price! • 5088 & 3288 Diesels

BIG, BIG SAVINGS AVAILABLE TO CASH BUYERS -
Call Us For Details!

TILLAGE:

735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
145 3 & 4-Bottom 18" Roll-over, Auto Reset
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price! (1 left)
415 Packer Mulcher, 13', 12' & 10'
5513 13' 3 Pt. Chisel (1 left)
4500 Field Cult., 12' to 21' Folding
5100 Grain Drill, 16x7 Combination
5100 Grain Drill, 16x7 Plain
5100 Grain Drill, 18x7 Plain

SPRAYING EQUIPMENT:

300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd.
Brakes - \$3525!

MISCELLANEOUS:

35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1250 Grinder Mixer
1350 Grinder Mixer
530, 540, 550, 560 &
575 spreaders

Dunham Folding Packers in
stock - 23 Ft. & 25 Ft.

MORE WAIVER OF FINANCE...

- To 9/1/82 on New & Used
Combines Plus \$7,000 Preferred
Customer Rebate on Model 1420
Combine
- To 5/1/82 on Planting, Seeding &
Cultivating Equipment
- To 3/1/82 on Soil Preparation
Equip.
- To 5/1/82 on Hay Equipment
- To 9/1/82 on Forage Equipment
- To 3/1/82 on Materials Handling
- ★ Warranty Period starts on Waiver Date!

HARVESTING EQUIPMENT

Waiver of finance till May 1, 1982

SP Windrowers
Mower Conditioners
Square Balers
Round Balers
Rakes
Ag Mowers
Forage Harvesters

**G-1000 JOHN BLUE
TRACTOR**
With 1-Row Cultivator - Demo
\$3800

No. 14 5-Shank Auto-Reset

SUB-SOILER

- 2 In Stock...Waiver to March 1, 1982
- IH No. 10 7-Shank & 5-Shank Models
Also In Stock

ATHENS DISC HARROWS

- In Stock - Ready For Delivery
- Model 131 11'6" Flex Disc
 - Model 131 12'5"
 - Model 90B 15' Rock Flex

**MUST
SELL!**

IH 5000 DIESEL WINDROWER

- With 12 Ft. Head
- MAKE AN
OFFER!!**
- Waiver till May 1, 1982

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545



**INTERNATIONAL
AGRICULTURAL
EQUIPMENT**



Ph: (215) 367-2169
WINTER HOURS:
Daily 7 to 5
Sat. 7 to 1

PART SMART

Lombardini Diesel for
sale, 2000 hours, 21
horsepower, like new Call
717-656-9605

For Sale - Brady Multi-
crop chopper, post hole
digger, Massey Ferguson
corn picker, Allis
Chalmers Combine,
Reasonable. Call 717-634-
3222.

IH 710 5 btm. plow, good
condition. 717-653-5020

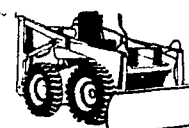
KABOTA Mod. L 245 DT,
4WD, with Mod. L1717
Loader, Cat 1 3 Pt. hitch
with Woods RM 59 rear
mower. One owner, low
hours, \$8,000 buys all. 6
ton 2 axle trailer available
for \$2,000.00 302-239-
2735

Ford 145' ROLLOVER (2-
Way) Plow 4x8" 3 pt
\$2,375 301-845-4561

MF baler w/thrower, late
model Call 717-865-6794

Elam Stoltzfus 2 bottom
plow, automatic reset
717-768-8359

NI loader, good shape,
universal mount, came off
of 4020 JD \$495. 717-
792-1366



SCHAEFFERSTOWN EQUIPMENT

SCHAEFFERSTOWN, PA

1/2 Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

**WE BUY USED
EQUIPMENT**

**WE ARE A DEALER
FOR CUSTOM
TRAILERS**

BACKHOE LOADERS

Case 580B 1975 w/cab \$15,500
Case 580B \$11,500
JD 400, excell. cond.,
overhauled \$9,000

CRAWLER DOZERS

Cat D9-19A Series
w/Ripper \$21,500
Cat D8 13A Series
Hyd. \$11,500
Cat D8 46A Series,
real clean \$42,000
Cat D4 D 40A Good \$11,500
Cat D8 2U Cable \$8500
Cat D6, hyd. \$6500
Letourneau pull pan for D8 \$1600
JD 350 6-way angle
Blade New Undercarriage \$9200
JD 1010 Dsl. w/winch \$5000

CRAWLER LOADERS

JD 450 w/93 hoe \$14,500
JD 450 \$9500
JD 450 w/ROPS, good \$12,000
JD 440 Dsl. \$6500
Cat 955H 60A \$12,500
Cat 933G, good \$9,500
Cat 933 \$6500
IHC 4340 w/ripper \$7200
IH 340 Dsl. 4 & 1
Bucket w/Ripper \$7000
IHC TD9 \$8200
AC HD5 \$3450
AC HD6G \$4000
runs and operates
Case 350 \$7500
Case 450, good \$9500
Case 750, good \$10,000

SKID STEER LOADERS

JD 24 \$4800

GRADERS

Huber Wargo Dsl w/Cab \$5000
Galion 118 Dsl. w/cab \$6500

WHEEL LOADERS

Hough 70, 4x4 3 to 4 yd.
good \$14,500
Hough 30, 1 yd. good \$5200
Nelson 4x4 \$3750

**ALL MACHINES
REPAIRED AS
NEEDED -
CLEANED &
PAINTED.**

TRAILERS

1979 CMI Folding Hydr.
Gooseneck 30 ton \$29,500
9 Ton Tag-Along \$1400
9 Ton Tag-Along \$2000
9 Ton Tag-Along new
heavy duty \$5100
12 Ton Tag-Along \$2000
12 Ton Tag-Along \$2750
15 Ton Gooseneck, S.A. \$3500
25 Ton Lacross T/A \$5500
Approx. 1 1/2 Ton Tandem Axle
Tilt Trailer w/winch \$1200
2 Ton Tilt Trailer \$500
1 Ton Roller Trailer \$800
New Trailers - All sizes and prices Call

TRUCKS

1965 Int. Dump S.A. \$2500
1965 Int. Dump S.A. \$3200
1956 White 18' bed S.A. \$1800
1967 GMC 1/4 ton w/utility box \$800
1970 Chevy Dump S.A. \$3000
1975 Plymouth Fury 6 cyl. \$2000
1973 Buick Riviera \$1500
1969 Ford sgl. axle dump, good \$6900
1965 Ford 1/4 Ton \$450
Int. Tandem Axle Dump \$4250
Dodge Van 14' \$4,500

AIR COMPRESSORS

LeRoy 105 \$3500
Jaeger 105 \$2000
Chicago Pneumatic 125, O.H. \$3000

ROLLERS

Fordlane Paver, ex. cond. \$3100
3 Ton Tandem \$2000
1 Ton Roller \$2000
1 to 3 ton Virbra-Pac \$3400
1 to 3 ton Virbra-Pac \$2800
3 to 5 ton Huber Tandem \$5000

MISCELLANEOUS

AC Motorized Pan #260 \$3,000
MF 180 Tractor \$6850
Ford Corn Planter 2 Row 3 pt. \$450
16' Dump Box \$1250
16' Dump Box good \$2450
5 ft. Rotary Cutter new \$495
Pavement Breaker 90 lb. \$350
Assorted Loader Buckets
6 ft. Angle Scraper Blade 3 pt. \$175
Myers Snow Plows
Electric/Hydraulic/Angle \$1000
17' Dico Block Unloader,
Complete \$2500
Davis Trencher 300+ \$3000
Ditch Witch Model R65
Loaded \$9500

FARM EQUIPMENT

WANTED

Used
IRRIGATION
PIPE & PUMPS

Send your
inventory and
price to

ECCO, INC.

14021 N. 6th St.,
Harrisburg 17110
717-238-9423

FARM EQUIPMENT

JD
CHISEL
PLOW

10 tooth 1600 series.

Used 2 seasons.

Make offer
Lebanon Co.

717-867-5315

FARM EQUIPMENT

FOR SALE

MF 1130 w/duals
Case 1370
MF 180 diesel
AC 190XT
Farmall 966
JD 4020
MF 321 corn head

L & M
BURKHOLDER

Ephrata, PA.
717-859-2960
717-859-2712

ALLIS-CHALMERS



Year-End TRACTOR Sale

• Now thru Dec. 30th

Cash Sales Only
At These Special Prices...

AC 5050 Tractor (51 HP) w/16.9x28 Tires .. **'10,300**

AC 5050 Tractor (51 HP) w/16.9x28 Tires .. **'10,300**

AC 6060 Tractor (63 HP) w/18.4x28 Tires

& Wgts. **'13,495**

AC 7010 PD Tractor, No Cab, w/18.4x38 Tires

& Wgts. **'19,300**

AC 7010 PS Tractor, w/Cab, Air & Weights.. **'23,900**

AC 7020 PS Tractor w/Cab, Air & Weights .. **'25,995**

AC 7060 PS Tractor w/Cab, Air & Weights .. **'33,900**

SHARTLESVILLE
FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

TRACTOR
SEATS!

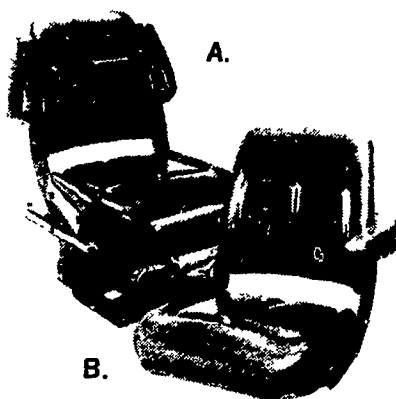
International Harvester tractor
seats are specially engineered to
fit the contours of your body and
to prevent fatigue during long
hours in the field

A Seat with
suspension.
407 523 R1

359⁹⁵

B Seat for vertical
acting
suspension
407 524 R1

'159⁹⁵

Santa's own hand-carry
tool box

Ideal gift for Dad he'll be able to take his
tools anywhere Has handy tote tray and low
profile for easy transport and storage 19 1/8
x 6 x 6 1/2 1132 079 R1.

Special
Christmas
Price

\$9.99



INTERNATIONAL
AGRICULTURAL
EQUIPMENT

ERB & HENRY EQUIP. INC.

New Berlinville, PA, 1 Mile N. of Boyertown
Phone (215) 367-2169

TRIPLE H EQUIPMENT

Peach Bottom, Pa.

717-548-2640 or 717-548-2094



NEW VERMEER EQUIP.

Call For Spring Terms

2-6030 balers
4-504F baler, only 1 left
1-504F baler
1-MC 9 mower-cond., \$6470
3-F100 bale feeders, \$2495
1-500 gpm irrigation system, mobile
equip., soft hose, 1/2 price - \$7400

NEW HAYBUSTER EQUIP.

2-Haybuster model no. 1068 no till semi-
mtd. grain drills
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round
bales

MISC. NEW EQUIP.

2-Kelly log splitters engine drive
2-600 lb. fert. spreaders, \$320
1-1450 lb. fert. spreader, \$780

LAHMAN SKID STEER LOADERS

1-30 hp, 2 buckets, \$8000
1-23 hp, 2 buckets, \$6200

NEW SHIPMENT VICON EQ.

Cash Discount on '81 Prices

1-PTO tedder - rake
3-5 wheel 3 pt. hitch rakes
1-6 wheel trailer rake
2-8 wheel - V-rakes
2-2400 lb. fert. spreaders
2-1900 lb. fert. spreader
3-950 lbs. fert. spreader
1-600 lb. fert. spreader
1-8' 3 pt. hitch disc mower

USED & DEMO EQUIP.

1-Vicon 15' power harrow, demo
2-Vicon 8' mower-conditioners, used
1-Vicon 8' mower-conditioner, demo
1-Lely tedder rake, used
1-Badger manure souper, 10' demo
2-used NH balers
1-SP Hesston windrower
1-605D Vermeer Baler
1-605E Vermeer Baler
2-540F Vermeer Baler
1-#10 Hesston Stackhand
1-Model 340 JD Disc Harrow

* STAR STUDDED SALE *

NEW EQUIPMENT:

* AC 5020 Dsl. (25 hp) Tractor
* AC 5020 Dsl. FWD (25 hp.) Tractor
* AC 5050 Dsl. FWD (50 hp) Tractor & Loader
* AC 5050 Dsl. (50 hp) Tractor
* AC 6060 Dsl. (60 hp) Tractor
* AC 6080 Dsl. (80 hp) Tractor
* AC 7010 Dsl. (106 hp) Tractor & Cab, PS
* AC 2600 (19'10") Fold up Disc Harrow
* AC 1200 (14') Mounted Cultivator
* AC 770 Corn Planter 4 Row, Air, Dry
* AC 333 Corn Planter 4 Row, Plate, Dry
* AC 2313 Disc Harrow 13', 22" Disc
* AC 83 Mtd. Plow 3 Bott, 16"
* N.I. 323 1 Row Corn Picker
* N.I. 324 WR 2 row Picker & 12 Roll Husker
* N.I. 279 Cut-Ditioner
* N.I. 106 Fert. Spreader
* N.I. 107 Fert. Spreader
* N.I. 621 Forage Blower
* Hesston 1090 Mower Cond.
* G.T. 370 Grain Dryer
* G.T. 580 Grain Dryer
* Danuser MS-1 H.D. Log Splitter
* Haban Corn Sheller, 3 pt. Hitch
* Woods 60 Pull type Mower
* Badger 5800L 1500 gal. Manure tank
* Brillion 8'9" Soil Builder
* Brillion 16' STS Fold up Harrow
* Grimm Model "B" Ground Drive Tedder
* Grimm Model "C" PTO Tedder

List	Asking
\$7,538.00	\$5,275.00
8,319.00	5,860.00
23,626.00	15,990.00
16,143.00	9,995.00
18,874.00	12,900.00
23,756.00	15,500.00
39,625.00	23,900.00
10,859.00	6,700.00
1,728.00	1,295.00
5,800.00	4,100.00
8,420.00	6,995.00
3,620.00	2,650.00
1,637.00	1,100.00
7167.40	5,500.00
13,357.00	8,995.00
6,313.00	4,600.00
645.00	495.00
609.00	535.00
2,140.00	1,620.00
6,430.00	4,950.00
8,650.00	6,750.00
14,243.00	12,500.00
735.00	550.00
1,984.00	1,495.00
1,243.00	960.00
6,875.00	4,930.00
4,995.00	4,120.00
1,952.00	1,590.00
1,440.00	1,100.00
1,540.00	1,375.00

USED EQUIPMENT:

* AC 7000 Dsl. (106 hp) w/Cab Tractor
* AC 175 Dsl. (62 hp) Tractor
* IH 2606 Tractor Dsl. (53 hp)
Case 400 Tractor
Ford 901 Tractor
IH 574 Tractor
MF 410 Combine w/Heads
MF 510 Combine w/Heads
N.I. 704 Uni Power Unit & Cab
J.D. 7700 Combine w/Heads (FEB)
I.H. 715 Combine w/Heads
Sunflower GS 14- Offset Disc
Sunflower GS-16' Offset Disc
N.I. 325 N.R. 2 row Picker & 12 Roll Husker
N.I. 319 Mtd. Picker Sheller
NI 720 Corn Header
Hesston PT-10 Windrower
JD 24T Baler & Thrower
NH 460 Windrower
IH 400 Cyclo 6 Row Planter
JD 3800 Forage Harvester w/Heads

Now
15,900.00
8,900.00
3,400.00
995.00
1,800.00
5,200.00
10,900.00
18,995.00
14,900.00
32,000.00
15,000.00
4,900.00
4,900.00
4,995.00
2,900.00
400.00
1,500.00
1,600.00
880.00
3,900.00
4,500.00

"Conditions of Sale"

- 1- Prices F.O.B. Dealership
- 2- Some Prices Include Rebates
- 3- Trade-ins Considered.
- 4- Cash or Retail contract.
- 5- Location — Intersection Rts. 147 & 225

MECKLEY'S GARAGE

717-758-3915
Herndon, PA

FARM EQUIPMENT

USED EQUIPMENT
FOR SALE

Fox Super D w/Diesel engines w/cab and heads
NI 702 Uni System w/ diesel engine, chopper and Forage Heads
NI 3 Row Snapper Head, like new
717-627-3665

FARM EQUIPMENT

NI 325-326, 8 roll narrow row corn picker
NI 737 Husking Unit
AC 7000 Tractor
AC 5040 Tractor
AC 170 Gas Tractor
AC D17 Gas Tractor
NI 702 Diesel Power Unit

ROY H. BUCH INC.
Ephrata
717-859-2441

FARM EQUIPMENT

HI-PRESSURE
HYPRO
PUMP

Build your own washer with a Hypro 0 to 1200 PSI pump. Pumps, nozzles, hand guns.

ECCO, INC.
Harrisburg, Pa.
17110
717-238-9423

JOHN DEERE 300 DIESEL TRACTOR

w/Direction Reverser, 3 pt. hitch and industrial loader, very good.

COMBINES

Minn. Moline w/Shellor & 2 Row Corn Head
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1973 JD 4400 Diesel, Cab, Choice of Platforms
JD 3300 Cab and Air, choice of 10' or 13' Grain Platform
Gleaner F w/Cab, Grain Saver, 13' Grain Table, 4 Row Narrow Corn Head, Very Nice
1975 JD 6600 Diesel, Cab, 1,000 hours, like new (SOLD)
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4520 D, Cab, AC, Power-shift
JD 4430 D, Cab, Air, Quad Range w/20:38 Tires
JD 4430 4 Post RG, Quad
JD 4320 Dsl. RG Cab
JD 4320 Dsl.
JD 4230 D, Cab, Air & Quad
JD 4230 Dsl.
JD 4000 Dsl. WFE
JD 4020 Dsl. WFE
JD 3020 Dsl. WFE Power Shift
JD 2030 Dsl. RG, 15.5 & 38 Tires
JD 1530 Diesel
JD 300 Dsl. w/Loader 3 Pt
JD 820 Diesel Utility 500 Hrs.
JD 730 Diesel Very Nic (SOLD)
IH 1566 Diesel, Black Stripe, Cab & Air
IHC 1466 Dsl. Cab, Air, Dual PTO
IH 1256 D WF
IH 1066 Dsl. Cab & AC
IH 1066 Dsl. WF Very Nice
IH 966 Dsl.
IH 766 Dsl. WFE
IH 856 D., WF, w/Turbo
IH 856 D. WF w/Fast Hitch
IH 826 Wide Front (SOLD)
IH 806 Dsl., WF
IH 574 w/2050 Loader
AC 200 WFE & Cab
Oliver 2255 Cab & Air Very Nice (SOLD)
Oliver 1850 Gas Cab w/Over & Under
Ford 5000 Dsl. Very Nice

BALERS

JD 346 Wire w/Bale Chute or thrower
JD 336 Twine w/Thrower
N.H. 1002 Bale Wagon
IH 440 w/Thrower Very Nice

MISCELLANEOUS EQUIPMENT

(2) JD16A Flail Choppers
JD Adaptor Bundle fits 243 corn head to forage harvester
JD B Grain Drill, 16 opener with grass seed
JD FBB Double Disc Grain Drill, fert. & grass seed, very nice (SOLD)
MF 235 Loader w/valve control
JD 58 Loader w/large materials bucket
IH Direct cut for 560-650 Harvester
20' Speed King Wheel Harrow
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Hesston Adaptor Bundle to fit Gleaner Corn Head
Little Giant Drag Elevator (new) \$425 F.O.B.
Great Bend Loader to fit IH 706 thru 1466 (SOLD)
NI and JD Wide or Narrow 2 row Corn Pickers

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049 215-965-5203

CORN HEADS

IHC 820 15' Flex Head, like new
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643

PLOWS

IHC 710 4x16 sp. reset (SOLD)
IH 540 4x16
IH 550 5x16 (SOLD)
IH 710 5x16 spring reset
IH 710 4x18 spring reset
IH 720 6x16 spring reset
JD 1450 5x18
JD 2500 5x18 sp. reset
JD 350 5x16 hyd. reset
JD F 145 4x14, 4x16 & 5x16

DISCS

JD 12'-14'-18' BWF Rock Flex Disc
JD 12' AW Disc
JD 12' Roller Harrow
JD 230 Hyd. Fold 22' w/ Leveling Bar
Bush Hog 1438 Heavy Duty 18' Wing Fold

HEAVY DUTY DISCS

Hutchmaster 12' offset
Rhino 11' Flex

CORN PLANTERS

IHC 400 Air 4R dry fert. and insect., very nice
JD 7000 4R narrow, dry fert. insect., hvy. coulters and monitor
JD 7000 4R Conservation, insect., monitor, excellent
JD 1240 4R Plateless, liquid fert.

MOWER CONDITIONERS

NH 467, 477 7 foot
NH 479, 489 9 foot
JD 1209

FOR SALE

USED TRACTORS

AC 7030 w/cab, (2)-7000 w/cab, (2)-200 w/cab, (2)-XT 190, (3)-185, (2)-175, 170, 160 w/loader, 5040, 5040 w/loader, (7)-D-17 gas & diesel some w/3 pt., D-15 gas 3 pt., D-15 gas snap coupler, D-14, D-12 high clearance w/cultivator, WD 45, B w/2 way plow
Ford 9600, 8000, 5000, 4000, 3000, 2000 w/loader, NAA w/loader, (4)-8N JD (2)-4020, (2)-3020, (2)-620, 2640
IHC (2)-544D, (2)-574 w/loader, 560 D, 504, B 275D, 340, 240, 230, 140, Super MTA, Super M, Super C, Super A, Super AV, 4 cubs
Case (2)-430, 530D w/loader
MF (2)-235D, 135D w/188 hrs., 165D, 38" tires w/loader, 35, 50
CHOPPERS
NH Super 717- 770, NH 1 row snapper head
Hesston 7020
FORAGE BLOWERS
NH 25, 27, 28
JD Kools & AC
BALERS
(2)-JD 336 w/throwers
NH 320, 273, 268 w/throwers
MF 12
Hesston 4500, 4600 rounder
CORN PICKERS
NI 323 1 row, (4)-NI 325 2 row narrow, (2)-324 2 row wide, 8 & 12 roll husking beds. 314 & 329 Super Sheller attachments.
(2) IHC 1 PR 1 row
New NI Liquid Spreader, 800 gal. only \$3975

The Solution for your pickup truck with rustal out boxes. - New Lamco pickup stake body. 8' long side boards & drop tailgate. Now in stock. Priced at \$395.

Call For Our Deal Before You Buy & Be Pleased

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

MANURE SPREADERS

NI 95, 135, 165, 200 bu. spreaders, ground drive & pto.

JD 40
Hawk 157 tank
Starline 145 bushel
New Starline 200 bu. tanks at old prices.

Martin Scavenger
NI liquid
NH 366 tank spreader left hand

MOWER CONDITIONERS

NH 489, 479, 478, 477
Hesston 1090 pt 10 & pt 7
JD 1209, 1207
NI MC 7' & 9' cut-ditioners

Large assortment of tractor snowblades & front end loaders.

Call for your needs.
New & Used 3 pt. snow blowers & rear blades

New double ring tractor tire chains, car & truck chains

USED INDUSTRIAL

Log Skidders: JD 440 B, tree farmer C-5D, Prontice log loader

Bull dozers: JD 350 B, 450C w/6 way blade. AC H-3, 4, HD4, 653, IHC 500C w/6 way blade & winch

Crawler Loaders: JD 350 C, AC HD-3, HD-4 & 655

Backhoes: AC 615, 715; Bobcat 610 skid steer loader backhoe available.

Several used tag, along trailers
York rakes
New and Used hay and grain elevators

New hay feeder racks
New McKee corn hogs in stock

Just received new Brillion cultupacker/seeder. Early buyer discounts. Special deal on AC new 5050 tractors, 2 & 4 wheel drive models.

Just received a Ford 6600 dual power, IHC T-6 Crawler w/blade, Hesston 5800 round baler, JD 158 loader

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

SILOS & UNLOADERS

Looking for a bargain? 4214 convertible Slurrystore with Delaval Sahlstrom P.T.O. pit pump and over-top agitation. Includes 3,250 gal. Calumet liquid manure spreader with injectors. Take over balance of lease payments. 7 1/2% interest. Call 717-354-4051 Penn Jersey Harvestore Systems, Inc.

For Sale - GRANGE SILO, new Hydraulic pressed concrete stave, manufactured by Corstone Silo Co., Box 156, South Montrose, Susquehanna Co. Pa. Write or Call plant 717-278-3045, NY office at Weedsport, NY 315-834-9200. Service Rep for SE PA Ralph Estelle, Manheim, PA 717-665-7105

MADISON SILOS & VANDALE EQUIPMENT
717-653-156

We buy used Harvestores and sell with Laidig unloaders. Penn Dutch Farm Systems, Inc 717-273-9324

S & S SILO REPAIR COMPANY - Most any kind of silo work, new chutes, new roofs and roof repairs, some extensions, moving silos. Also buying some used silos. Installing pipes and spreaders. We sell Jamesway, Starline and Van Dale unloaders For Sale - 18x65 Stave Silo. 717-768-3052

20x60 expandable, blue top Harvestore w/Hercules unloader, new steel floor, new breather bags & new bolts. Call Penn Jersey Harvestore Systems, Inc. 717-354-4051

We buy & sell used HARVESTORES. Penn-Jersey HARVESTORE Systems Tel 717-354-4051

LANCASTER SILO CO.

2008 HORSESHOE ROAD
LANCASTER, PA
CONCRETE STAVE SILOS - SILO REPAIRS - TAPER BOARD FEEDERS. BELT FEEDERS CONVEYORS
NEW & REBUILT SILO UNLOADERS
BARN & FEEDLOT EQUIP
RITCHIE WATERERS
PHONE: 717-299-3721
Larry or Wayne



PHONE: (717) 776-3129

FOR SALE

1 slightly used professional silo jacking system. Can be used w/A.O. Smith Harvestore or S.P.I. Sealstor structures. Both erection & teardown.

Write for details
Lancaster Farming
P.O. Box 366 K-21
Lititz, PA 17543

SILOS & UNLOADERS

Used Harvestore Silos bought and sold. 20x70, 20x80 Hercules Goliath sweep-arm unloader. 717-442-8104

Van Dale 10' silo unloader in fair condition Call 717-653-1555.

Jamesway 16' silo unloader \$1400. Clay electric silage cart \$1100. 609-451-7463



SILOS AND EQUIP.
SEE PAGE C4

TERRE HILL SILO CO. INC.
Terre Hill, PA
17581

PHONE:
215-445-6736

53 Yrs. Sales Serv.

GUNITE Silo Relining & Repairs

Extensive tests have been conducted on Gunite. Below are some of the properties of Gunite:

1. Excellent bonding
2. High Density
3. Extreme strength and hardness
4. High resistance to absorption

The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration.

Reseal and re-strengthen your silo with Gunite.

Call or Write:
DETWEILER SILO REPAIR
RD2, Newville, PA
717-776-7533
717-776-3288
717-423-6791

NEGLEY & MILLER SILO CO.

Rt 1 Box 93 Shermansdale, PA 17090
Ph (717) 582-4108 Evenings 834-4838

MANUFACTURE AND BUILD SILOS

- Wet Cast Concrete Staves
- Western Redwood Doors
- Deluxe Colardome Roof
- Hooped for all types of silage
- Plastered solid with a smooth finish

SILO REPAIRS

- Replaster
- Roofs Installed
- New Extensions
- Used Extensions
- Pipes & Distributors permanently installed

P & D EQUIPMENT

- P&D Golden Gobblers
- P&D Ring Drive Unloaders
- Unloaders rugged, tough & powerful to perform fast at a "flip of a switch"
- Sales & Service all Silo parts and equipment

SILOS & UNLOADERS

1980 all purpose 20 x 32 expandable, white top Harvestore w/Hercules unloader Like new in closed electronic storage weigher & supplement meter Call Penn Jersey Harvestore Systems, Inc. 717-354-4051

BUILDINGS & SUPPLIES

CYPRESS LUMBER for sale, A & A Mushroom Supply Co., Rt. 7, Avondale, Pa 215-268-3128.

40' roof trusses @ \$50.00 each by the piece or make an offer for 100 or more. 410 pieces 2"x10"x11'8" @ \$4.00 each or make an offer for the lot 100 sheets 3/8 exterior glue plywood @ \$5.00 a sheet. Also have two 30' barn cleaners with 30' raiser (buy two for one price) Miles of chain at 10 cents per foot. Can be seen at Pennfield Farms, Ephrata. For appt phone 717-374-8148 days and ask for Bill Robinson or Ted Burr Evenings 717-374-4394, Bill 717-837-0449, Ted

Modern dairy barn and pasture suitable veal heifers other uses. Bedmister, Bucks Co Peiffer 215-795-2081 After 6 PM

For Sale - New Salvage aluminum sheeting Colored & Natural Variable lengths 215-286-5434.

For Sale - Peach Bottom, slate 9x14 717-755-3151

Will trade - 20" jointer for thickness planer. 215-252-6665.

For Sale - lg wooden barn, 50x75', never painted, slate roof, you remove, make offer. Harford Co, MD. 301-836-3782

GRAIN EQUIPMENT

U.S. Wrecking dismantling enclosed structural steel grain drying tower, 15x10x90', steel cup conveyor lift belt, 22 cu. yds. 3/8" steel storage bin 717-393-2992

Wanted - automatic batch or continuous flow dryer. Also grain leg at least 65' and wet holding tank in 2000-3000 bu. Must be in exc. condition, single phase electricity. 703-594-2709

Grain bins, hopper tanks, drying bins, augers, leg elevators & aeration fans.

Complete Erection Service or Use our jacks free & save

FACTORY PRICES REDUCED BELOW 1980's. CALL NOW FOR CURRENT LOW PRICE ON ALL EQUIPMENT

THOMAS BACHMAN & SONS

2501 Fallston Rd
Fallston, MD
301-557-7529 or
301-836-6877

DAIRY EQUIPMENT

Double 6 Choreboy milking parlor. Complete feeding system Stainless steel feeders feeding meters. Used 1 year Excellent condition Lebanon Co 717-933-5173

For Sale - Kraiburg Happy Moo-Mats 15 sizes We deliver and install Vanco Sales, RD 4 Box 300 Carlisle PA 17013 Phone 717-776-34

DAIRY EQUIPMENT

6 Surge pulsators - wiring, platform, timer box, air hose, complete 301-797-8006

2000 gal milk tank with 75+ vacuum pump and heat converter, almost new, 301-778-1636

For Sale - 25 used Jamesway lever stanchions, good condition 215-273-3050

Wanted - 4-6 can milk cooler, front load and clean separator, 100-150 gallon bulk milk tank and stainless steel milk cans 215-857-3463

Surge Pipeline complete 4 Mini Cup Milker, all components, in excellent condition In use but available soon Don Upperman Chambersburg, PA Phone 717-264-6007

Also several good used tanks - 600 & 800 gal

1250 gallon White Surge tank w/preheater, two 3HP compressors, 82 gallon electric water heater, Bou-matic pipeline for 32 cow barn 2" glasslined 8 units. Two 5HP direct drive pump All equipment like new. Supreme mixer w/5 HP motor 717-898-8736 after 6 p.m

DE LAVAL

MANURE SYSTEMS

Alley Scrapers
Liquid Manure Spreaders w/w soil injectors
Licom Systems
Manure Separators

MILKING SYSTEMS

Pail Milkers
Pipeline Milkers
Parlor Milking
Herringbone

FEEDING SYSTEMS

Computerized electronic controlled individualized feeding.
Feed storage and conveying
Parlor feeding

MILK COOLING & STORAGE

Plate Coolers
Bulk Tanks

MANURE EQUIPMENT IN STOCK
DeLaval 3000 Gallon Spreader
\$6500.00

MANURE STORAGE & PROCESSING EQUIPT.

Madison

Long Mfg. Co.

I.G. SALES

Silverdale, PA 18962

215-257-5135

SHENK'S
Pre-Inventory Sale

MILKING EQUIPMENT

- (1) used 2" Surge pipeline
- (1) used 2" Bou-matic pipeline
- (1) used double 4 (late style) Herringbone milking parlor
- (1) used Zero 50 CFM Vacuum pump
- (1) used 30 Alamo Vacuum pump
- (2) Bou-matic 75 CFM Vacuum pumps
- (2) Bou-matic 100 CFM Vacuum pumps
- (2) Bou-matic 120 CFM Vacuum pumps
- (1) used 1 1/2" moisture trap assembly
- Several 2" moisture trap assemblies
- Assorted Glass coupling wrenches
- New & Used Automatic Detachers

USED MOTORS

- 1, 2, 3 & 7 1/2 HP

USED BULK TANK COMPRESSORS

- 2, 3, 4, & 5 HP

MILK TANK RECORDERS

NUMEROUS 2 HOUR TIMERS
NUMEROUS 12 VOLT INTERVAL TIMERS (Runs 5 min. out of the hour)

ASSORTED BUSHING & PULLEYS

- For motors and line shafts

BOLTS

- Carriage bolts 1/4" to 5/8" diameter by 1" to 6" in length
- National course 1/4" to 3/4" diameter by 1/2" to 6" in length
- National fine 1/4" to 3/4" diameter by 1/2" to 6" in length

LIQUID MANURE EQUIPMENT

- 2 used Better Bilt high pressure pumps priced to sell

SHENK'S FARM SERVICE

Call Toll Free 1-800-732-3532

501 E. Woods Drive, Box 225, Lititz, Pa. 17543
Our Service Trucks Are Radio Dispatched

24 HR. SERVICE OFFERED

AFTER 6 P.M. - CALL:

Ray Shenk 717-626-1152
Gary Walton 717 768 3727

Mervin Nissley 717-872-4565
Jerry Shenk 717 627-8225

DAIRY EQUIPMENT

For Sale - Rubber Matting for free stalls, stanchions, horse vans and horse stalls Also saw dust for sale in trailer lots Will deliver & install 301-885-5045

DAIRY EQUIPMENT

Patz barn cleaner, 320' of chain, runs counter-clockwise 814-239-2593

For Sale - Outside call hutches w/metal roofs & feeders Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897 717-442-8972

CECIL DAIRY SERVICE

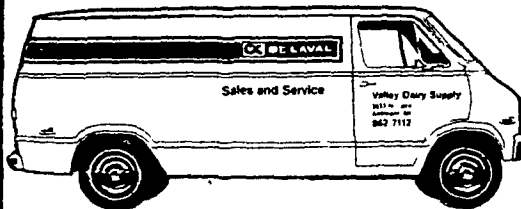
Depression here maybe, but we're fighting - so we have great prices on new and used goodies.

- 1 Demonstrator Badger vacuum spreader tank, 1500 gallon
- 1 used Huskey spreader tank, 3000 gallon
- 1 used Badger spreader tank, 1500 gallon
- 2 new DeLaval manure stirrers
- 1 new DeLaval Satellite feeding station w/2 stalls, (returns \$2 for each \$1 invested)
- 2 DeLaval #78 vacuum pumps w/free servo-regulator plus \$100 rebate from company

We have our first ration master customer: Mr. Willis Hocking and Sons at West Grove, PA. We are anxious to watch their progress.

We have route service with our truck and our planning scheduled maintenance for anyone interested.

Service you can depend on...



When your dairy equipment needs professional service it's good to know we're as close as your telephone. Our service technicians are all specially trained to know De Laval® equipment inside out. So when you break down we can get you going again as soon as possible. But, even better, check with us about our Scheduled Maintenance Program. Regular maintenance is the best way to keep your equipment performing the way it was designed to perform. And, in the long run, that means more milk at less cost. Emergency service or scheduled maintenance ... give us a call.



Call: 301-658-6923
374 Biggs Highway (#273)
Rising Sun, Md. 21911

EARLY ORDER DISCOUNTS
ON MADISON SILOS!

Call For Price on New 15' Grain-o-Matic Silo... Just Right for The Small Dairyman.

IN STOCK!
Ready For Immediate Delivery...

DE LAVAL
CHALLENGER
FEEDER!

★ We Service DeLaval Equipment in Berks, Montgomery, Chester & Bucks Counties...If you have any problems, call us and ask for:

BART ZEIGLER

26 Years Experience With DeLaval Co.



SPECIALS...

800 Gal. Essco w/compressor ... \$1250
250 Gal. Essco \$450



We're The Top Jamesway Ventilation Dealer In Pennsylvania...

See Us For...

- Dairy Parlor & Pipeline
- Jamesway Barn Equipment
- Starline Spreaders
- Norton Transflow Panel Systems - Complete Paneling Systems For Walls And Ceilings
- Uebler Feeding Machines
- Dairymate Dairy Products
- Klenzade Parts & Service
- Oswalt TMR Mixing Boxes

JAMESWAY & DELAVAL
WATER BOWLS IN STOCK...

See Steve In Parts Department For Special Price!

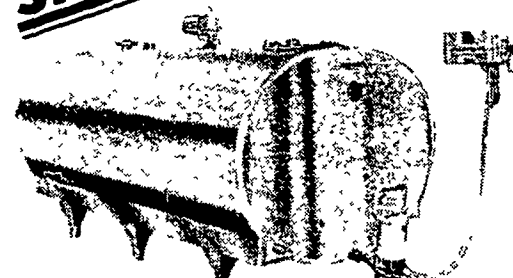
Our Route Truck Is On The Road... Call If We've Missed You!

ERB & HENRY EQUIP. INC.

New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

SALE IT'S BARGAIN TIME SALE
ON NEW AND USED
MUELLER TANKS

MUELLER
Bulk Milk Coolers



- 3 - Used 500-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system 3 H.P.
- 1 - Used 600-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system 3 H.P.
- 1 - Used 800-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system Dual 3
- 1 - Used 1,000-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system Dual 3

- 2 - Used 1,250-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system Dual 3 or 4
- 4 - Used 1500-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system Dual 3 or 4
- 1 - Used 2,000-Gallon Model "OH" Milk Cooler, complete with new HiPerForm Condensing Unit and automatic washing system Dual 4 or 5

QUEEN ROAD REFRIGERATION

Box 67, Intercourse, PA 17543

Phone: 717-768-9006 or Answering Service - 717-354-4374

★ WE ARE ONE OF THE ORIGINAL MUELLER DEALERS ★ 24 HOUR SERVICE

DAIRY EQUIPMENT

For Sale - Good used bedding chopper, one year old. Also clean straw for sale. Lancaster Co. 717-464-4945

Having sold herd the following milk equipment is for sale. 1000 gallon Sunset tank and 2 compressors, 1000 gallon Surge tank and 2 compressors, 20' Griton pre-cooler pipe and ice builder, Hot water pre heater, Double 8 DeLaval Herringbone parlor, 16 units, 16 weigh jars, 16 200 control boxes, 2.5 HP 77 vacuum pump, milk pump, 16 feeders, in place washer. This has been an operating parlor until Nov. 24, 1981. Call 201-832-2157

For Sale - Late model milk porter Sputnick, \$700. Early model Sputnick, \$600. Reuben F. Esh, 3812 E. Newport Rd., Gordonville, PA 17529.

4 Surge Pail milkers, 2 DeLaval pail milkers, 1 dumping station complete, stainless steel double wash tub. 814-793-2339

Five Metal calf stalls, elevated slatted floors, also metal cattle rack for pickup. 717-687-6035.

For Sale - 500 gal. Mueller bulk milk tank with washer \$1400. 215-598-3219

For Sale - Sputnicks, new and used, DeLaval milkers with 55 lb. pails, 2 600 gal. Griton tanks, 1 with 5 hp compressor, twin tubs and wash mats, Bender teat cup washers. Elam Stoltzfus, RD 1, Box 91, Kirkwood, PA 17536

- 8 - Bou-Matic pipeline milker units with California Style shells and inflations
- 8 - stainless steel Bou-Matic unit washers
- 8 - Bou-Matic electric stall cocks
- 6 - Bou-Matic pipeline milker units with regular shells
- 1 - timer converter board
- 4 - Model 100 Sentinel vacuum regulators
- 2 - Model 50 - Sentinel vacuum regulators

Witmer Implement Service
DeLaval Dairy Equipment
1896 Bedford Road
Shippensburg, PA 17257
PH. (717) 532-6139

LIVESTOCK EQUIPMENT & SUPPLIES

TAPERED BOARD FEEDERS, double chain, wooden conveyors, custom built, since 1965, for cattle and hog feeding systems. Glasbord trough liners, 4x40, cut to length. Martin Rissler, Stevens, Pa 215-267-2244

DAIRY EQUIPMENT

DAIRY EQUIPMENT

USED BELTING MATERIAL

Good for free stall and stanchion barns
30", 36", 42", 48", 54", 60" wide
Also, 300 cow mats, size 4x6
Phone: 301-885-5045

FOR SALE
KRAIBURG HAPPY MOOMATS

"MORE UDDER ON THE RUBBER"
10 year Warranty Card
15 Sizes
We Deliver and Install

VANCO SALES CO.

RD 4, Box 300
Carlisle, PA 17013
Phone: 717-776-3494

Please send free sample & installation instructions

Name _____

Address _____

Phone _____

LIVESTOCK EQUIPMENT & SUPPLIES

LIVESTOCK EQUIPMENT & SUPPLIES

LARGE QUANTITIES OF
SAWDUST AVAILABLE

10 cents per cu. ft. loaded on your truck.

Kondor Lumber Co.

RD 11
York, PA
717-755-6841

WOOD SHAVINGS
** KILN DRIED **

Don't be caught short this winter!
Call now for delivery of bagged, baled, or bulk wood shavings.

Liberal quantity discounts given.
A quality bedding material at an economical price.

DENVER WOOD PRODUCTS

403 S. Custer Ave., New Holland, PA 17557
Telephone: (717) 354-4174

LIVESTOCK EQUIPMENT & SUPPLIES

KenCo high tensile supplies... erection Max-ten wire, KOPERS posts, super energizers, fencing tools... literature. "Check quantity delivered price" We have a Dillsburg Distribution Center in PA 412-459-8991 or 717-432-5814 other states 800-245-6902.

LIVESTOCK EQUIPMENT & SUPPLIES

Batch mixer, Supreme model 7004 w/electronic scales Good condition Call 717-299-3638

Shavings with
Sawdust Mixed -
Dumped or conveyed
also
Baled Kiln Dried
Shavings
Trailer Load Lots

Far-n-Nur Trucking

c/o J. Scott Bowersox
Liverpool, PA 17045
717-444-3034

WANTED

Standing sawtimber and pulpwood.
York-Adams Co. area.
10 acre tracts and larger.

Gladfelter
Pulpwood Co.

Spring Grove, PA 17362
717-225-4711 days
717-225-1461 eves.
after 7 p.m.

FOR SALE
SAWDUST
& SHAVINGS
Bags & Bulk

ED VOGT & SON
Medford, NJ
609-654-7489

FOR SALE

William Beam's
Baled Wood
Shavings

Kiln dried, 3.25 cu. ft. bales. Sold by the bale or truckload.
You pickup or we deliver.

Morgantown, PA
215-286-9579

CATTLE

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay \$25 more per head than the going price. Don't sell until you call me. Call collect - Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Buyers & Sellers of Livestock - Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY
DAIRY CATTLE
Various plans available.

Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Sale - Registered Holstein bulls from top A1 sires, many available to select from Star Rock Farms, John Barley 717-872-4058.

Simmental Percentage & Purebred bulls, cows, heifers & club calves by leading A1 sires. Performance tested. Edward Pierce, R.D. 2, Neshanic Station, NJ 201-369-4039.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others Dams classified very good with records over 29,000 lbs milk and 1195 lbs milk fat. Stumpland Farm. 215-488-1965

Chianina-Angus Cross for sale. Cows, heifers, feeder calves and bulls. 717-872-5655.

For Sale - Large choice Holstein heifers, bred & open, over 350 to choose from. Harmony Dale Farms, Phillipsburg, NJ. 201-859-2616

Angus cows with calves, young bulls; reasonable. 301-658-6789. Call 7:00-8:30 A.M.

2 Registered bred Heifers due mid Dec to Very, Vac. Dams are GP 81, VG 86. Have records to over 19,000 16,000 lbs. Write or call Rod Wood, Woodson Farm, MR2 Pennsburg, Pa. 18073.

Charolais Angus stock bull, 18 months, home raised and healthy, real heavy-duty beauty. York Co 717-927-6823 eves.

Registered Guernsey cattle for sale, seven cows, good udders, well grown, one bred heifer due May, two calves born February and May 1981. Phone 717-297-3854. Bradford County.

For Sale - 30 Angus cows, bred to freshen early spring. Potter County Phone 814-435-2314

CATTLE

For Sale - 2 Registered Holstein bulls, both born Jan., both sired by Glen Valley Star, dams are VG maternal sisters w/good records and good B.F., second dam exc w/21,000M 900 f placed at \$600 each. Hershey Bare, RD 2, Lebanon. 717-272-9783

For Sale - 4 heifers and 1 cow, records to 21,000M. Juniata Co. 717-535-5457

For Sale - 3 registered Holstein heifers, 2 daughters of Penmar Apollo Topper, 1 due in December. 717-742-4200 Northumberland Co.

Registered Holstein cow, sire Penn State Ivanhoe Star just fresh 717-354-7689

42 large Holstein springing heifers A1 sired, take your pick. 717-229-2055

Wanted - Holstein heifers. Weight 300-500 lbs. Paying 70cents/lb. 717-393-0931 or 394-3099.

For Sale - Registered service age Holstein bull sired by Milestone. Dam has 24,000 milk as 3 yr old Lancaster Co. 717-687-9006

15 mo. old Registered Holstein bull out of very good stock. \$900. 717-665-3778

For Sale - Year round Holstein herd. Well producing, priced very reasonable. Also 1st calf heifers Calf vaccinated, to freshen from now through January 301-578-1224. between 8 AM & 9 AM or eves.

Registered service age Holstein bulls, like Bootmaker son out of very good Chief 1100F, next dam exc. Astronaut, bull has full sister exc. Shelmor-Acres 717-653-5663

Cow Herd for Sale. some registered Charolais, some not registered and commercial herd. Free delivery any where in PA. with purchase of six or more head. Call evenings. 215-584-6894.

3 Grade Angus cows over 1100 lbs. bred March - May. Weaned 3 1981. Calves over 500 lbs. 2 Hereford Angus heifers born 4-4-81 by above cows weaning weights 500 - 585 take one or all. 717-328-2305 Franklin Co. last Grade cows in Registered herd.

For Sale - Reg Jerseys, 2 cows, 3 bred heifers, 2 open heifers, 1 yearling, 3 calves, quality stock. Prices reasonable. 215-926-1261

CATTLE

For Sale - 3 reg bulls by Superior, Trump, and Jeimin from VG dams with records to 24,000 milk Perry Co. 717-789-3070.

For Sale - herd of 22 Holsteins, registered, various stages of lactation, large size; also, heifers, registered, will bleed and TR test, all animals calfhood vaccinated. Peter Grenther, Otto Road, Neshanic Station, NJ Phone 201-369-4387.

8 head fancy, big, springing heifers for sale - Terms available. Call 717-626-9157

3 Purebred Registered yearling Simmental bulls with pedigrees from Galant Parisien Beut Miles Schweighofer, Tyler Hill, Penna, 18469. 717-224-4495

For Sale - 5 Angus Chianina cross heifers approx. 850 lb. good animals 215-384-6209

Holstein heifers due now 717-263-9091

Chianina, Simmental, Angus-cross bred club calves Your pick \$500. Antle Farms. 814-237-4608

For Sale - 3 Registered Holstein heifers, 11 mo. old Must sell. Berks County. 215-488-6826.

One Charolais stock bull from A.B.C. Call 717-741-3055.

For Sale - 7-heavy young Angus cows. Bred for spring calving. \$475 each Berks Co. 215-693-5624.

For Sale - Guernsey cow and heifer, freshened 9/2/81, tested for TB and brucellosis, both \$1100 215-966-2295.

For Sale - Registered Black Angus club calves, heifers & feeders. 550-650#. Yellowhouse Berks Co. 215-689-9168.

FOR SALE. 6 HEIFER CALVES, VACCINATED AND BLOOD TESTED, BRED TO REGISTERED DAMS AND SIRE - NO DEALERS Telephone 215-562-4314

Polled Hereford breeding cattle for sale. Herd sires. Walking Tall, Enticer Green Gate Farms, Lewistown, Pa 717-248-7666.

Two Registered Holstein heifers for sale. Due February. A1 sired, dams records to 16,183. Juniata Co. 717-527-2501

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

HOOF TRIMMING

NY - NJ - PA
Tri-State Area

AL DENNINGER

914-856-3400

DAIRY HERD FOR SALE

This herd consists of 39 Reg. and Grade Holsteins. DHIA Records. Daughters of the following sires are represented in this herd: Zeldenrust Supreme dtr. with records to 21,920M, 3.8T, 840F; Shi-Lo Gent Blazer dtr. 20,078M, 3.9T, 818F; Shi-Lo Gent Chief dtr. 22,712M, 4.2T, 960F; Heatherstone Lucky Type Blazer dtr. 18,487M, 4.0T, 745F; Vigo Charm-cross dtr. 23,951M, 3.5T, 888F;

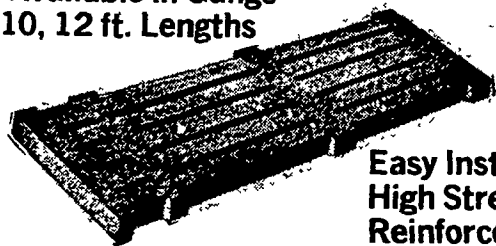
Other top sires of this herd are - A beautiful dtr. sired by Ran-Mar Larry Leader, one by Level-View-N-Jet Stream Jasper, Arlinda Jet Stream, Krebscrest Napoleon; Simpsons Farm Tidy Gent; Walhowdon President Vernon; Tidy Burke Transmitter; MD. Gay Winds Merry King.

For details on this herd
call 717-658-7496
Snyder County

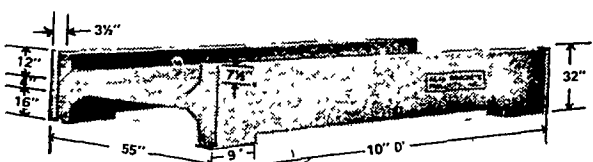
CONCRETE GANG SLATS

for Dairy and Hogs

Slats Available in Gangs
of 8, 10, 12 ft. Lengths



Easy Installation
High Strength
Reinforced Construction
Easy Cleaning



"H" and "J" TYPE FEED BUNKS

LOW COST - LONG LIFE

Contact

AgriConcrete Products, Inc.

R.D. 2, Box 147 MIDDLEBURG, PA. 17842
Plant (717) 837-3885 or 649-5321
DEALER INQUIRIES INVITED

(KW) Fully Automatic
CATTLE HEAD GATE



Now treating cattle is simple and easy. Can be adjusted for large or small animals, one man operation

DEALER INQUIRIES
INVITED

ZIMMERMAN'S ANIMAL
HEALTH SUPPLIES
3 Miles West of
Ephrata
RD4 Box 140,
Lititz, Pa. 17543
Phone 717-738-4241

CATTLE

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery Call collect Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609 298 1021"

For Sale - Black Limousin Bull service age Bedford Co 814-623-1289

We need 40 cows w/financing, \$150,000 solid collateral Write Lancaster Farming, P.O. Box 366 K-23, Lititz, PA 17543.

For Sale - Registered cows and heifers in all stages of milk. By popular sires out of classified dams 215-932-9762

Reg Angus cows, also Angus heifers, excellent for 4-H projects Call 301-592-6485

For Sale Holstein, Bulls, service age, purebred and grades 1 sired by Pete, dam has a 2 yr old record, 21,000 milk 966 fat Levi M Stoltzfus, 31 E. Eby Rd., Leola, PA 17540

Polled Herefords, 14 feeder steers, bred heifers and cows Chester County Evenings 215-269-1994

Purebred bull calf sired by Marvex, 1st dam by Lenlyn Jet Stream Keith, 2nd dam by Ivanhoe Star, records over 20,000M, \$200. John L Stoltzfus, Box 125B, Cochranville, PA 19330

For Sale - Reg. Holstein bull, service age, sired by Arlinda Jet Stream - Twin Dam - Will - Hal Elevator Bell James W Dietrich, R.D. #1, Hamburg, PA. 215-562-8323

For Sale - Red Holstein cow due w/2nd calf Dec. 21. Berks 215-589-5200

Registered Angus and Commercial cows due to calve in March. Also Registered Angus Bull, young steers and heifers. Price negotiable. Terms available. Hershey 717-566-8902.

Yr. old reg. Marvex, Vacc 16,000 dam as 2 yr 717-464-2233.

2 reg Holstein heifers, 1 due Dec. 24 out of 18,000 lb. dam, other due June out of 25,000 lb. dam. 717-656-6939

Will sell 15-25 cows or springing heifers due to being overstocked. Call 301-578-9868 preferably eves. after 8.

2 - 7/8 Simmental heifers with 15/16 calves. Mike McClintic, Rt. 1 Box 156-F Meadow Bridge, West Virginia, 25976 304-392-5648.

Herd Reduction Sale - Performance tested purebred Angus. This year's average 205 day weaning weight was 567# with no creep Heifer calves from \$300. Bred heifers and cows from \$500. Also bulls and steers for sale. Certified and accredited herd. Chester County. 215-857-2168.

For Sale - 20 mo old Registered Jersey bull. Gentle disposition. In service now. Sire Finalist of Marlu. 215-689-5387

50 Holstein heifers, most dehorned and vaccinated, 700 lbs., \$450. 301-838-5883

ANGUS CATTLE FOR SALE

Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944

CATTLE

ATTENTION DAIRYMEN-ALWAYS AVAILABLE

Large selection of the finest high producing registered and grade Holstein first calf heifers and cows

Terms: Cash or short term. Also lease plan. 30 day TB and blood tested for Interstate shipment. All other health precautions taken.

If you need a new herd, additions, or replacements call or write

M. BARMANN & SONS, INC.

P.O. Box 437

New Hampton, N.Y. 10958

Over 40 Years Experience

(914) 343-6875 Days - (914) 343-8381 Eves

ENTIRE DAIRIES BOUGHT FOR CASH - NO DEAL TOO SMALL OR TOO LARGE

Stonehurst Farm Dairy Sales Inc.
Strasburg, PA

Cows
Heifers



Horses
Mules

Bulls

SPECIAL OF THE MONTH

A - 4 month Reg Holstein Heifer Calf

FREE

The winner to be chosen
Dec. 31, 1981

Stop by or Call us For Details!

We enjoyed Selling you
Cattle and Horses this year.

A Joyous Holiday Season
to All of you!

Don and Harold Welk
717-687-7475 or 717-464-2273

HORSES & MULES

Blacksmith Horseshoeing, Standardbred, Thoroughbred, Quarter Horses, Draft Horses, Will travel. Call 717-768-8709 or 717-464-3827

For Sale - 8 mo. reg. Belgian mare, 1 yr. mare. Vernon Hill, RD2, Blairsville, PA. Phone 412-459-8368 or 459-5752.

Wanted - Horse 2 wheel driving cart. 717-964-2098.

For Sale - 7 yr. old Belgian mare with stud, cold broke. The best. Norman Kahler, Dornsife RD 1 Northumberland County, PA Phone 717-425-2576

HORSES & MULES

JEN-AIR ACRES



REG. QUARTER HORSES

Horses For Sale
Stallion Service
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914

FOR SALE

American
Saddlebred
Horses
Carriage & Buggy
Horses



SPECIAL

One load of Kentucky Saddlebred Horses from
Don Boring Stables at the New Holland
Sales Stables

Monday, Dec. 14
12 Noon

10 Big Carriage Horses

Horses will be hitched at farm Sat., Dec. 12
Don will hitch horses at New Holland
Sales Stables at 9 A.M.

Farm is located 1 mile north of Bareville
on N. Hershey Ave.

J.Z. NOLT

R.D. 1 Leola, Pa. 1754Q
717-656-9711

HORSES & MULES

Appaloosa Weanling filly 4 months, Chestnut, white spots and star, friendly, broke to lead \$800 w/papers. 215-459 1244

For Sale - Matched pair ponies broke to ride and drive. Standardbred driving horse ready to go 717-656 9548

HORSES & MULES

FOR SALE
Purebred
Registered
Arabian Horses
WOODBRIDGE FARM
York Co., PA
717-235-4534

Pennsylvania Draft Horse & Mule Association Sale

February 17, 1982

Blizzard date - February 18, 1982

Pennsylvania State Farm Show
Building - Corner of Cameron and
McClay Street, Harrisburg, Pa.

Tack - 9:00 A.M.

Horses - 12:00 Noon

TERMS - Tacks and Draft Horse
related items - 10% with
Maximum Commission \$50.00

Horses - \$25.00 to accompany
consignment.

If no sale - no refund. 4%
commission - Maximum comm.
\$120.00.

\$25.00 entry fee to be deducted
from commission.

Catalog Deadline Jan. 1, 1982

Consignments will be accepted
until 10:00 A.M. - February 17,
1982.

Horses will be sold in order of
consignment.

Negative Coggins Test and
Health papers within 6 months
must accompany horses.

CONTACT

Elmer D. Lapp
Box 97 R.D. #1
Kinzers, Pa. 17535
717-768-8177

W. David Keller
R.D. 2 Box #1
Hummelstown, Pa.
17036
717-566-0529

Gail Biddle
Box 242 R.D. #1
Boalsburg, Pa. 16827
814-466-6215

Abraham W. Allenbach
R.D. 2 Box #55
Springs Mills, Pa.
814-422-8393

SHEEP & GOATS

SHEEP & GOATS

WANTED:

Baby lambs 30 - 50 lbs.
and
Kid goats.

Will pay top dollar for
Christmas & New Year's Market
914-737-2810 or
914-737-0504

23 Registered bred
Suffolk ewes \$2,400.
Bradford County. 717-
744-2020.

For Sale - 20 Black Face
Ewes, 2, 3 and 4 years
old. Bred to Polled
Dorset. Franklin County.
717-349-7281.

For Sale - Flock sheep
Hampshire 1 ram, 18
ewes, 7 lambs. Earl
Frantz, 286 Neff-Laurys
Rd. Schnecksville, PA
215-799-3088

20 grade Dorset yearling
yews. Call 301-848-7245

Suffolk Rams, registered
from good twinning stock,
breeding age, sell or
trade. 215-253-4467

1 9 mo old Reg. South-
down ram and 1 9 Mo old
ewe sheep, tame Nice for
4-H, FFA, or Christmas
Best offer Evenings 717-
872-5523

For Sale Reg Hampshire
ram lamb, 302-998-4731

Attention goat owners A
naturally hornless billy
goat available for stud
service. Berks Co 215-
562 2118

SWINE

DUROC & SPOTTED BOARS

Duroc, Spot,
Crossbred Gilts
(Delivery available)

BOURBON SPRINGS FARM

R2, Newville, Pa. 17241
Kenneth Ketterer
Phone: 717-423-6250

SAVE MONEY!

Call direct for the
best possible
feeder pig prices.

Call Collect
Fred Patterson
615-294-5302

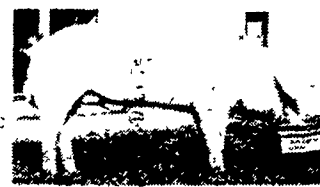
SWINE

SWINE

FEEDER PIGS FOR SALE

Available in Quantity
Call for Details
717-872-5646

"Landrace The Great White Breed"



Validated Herd #92

Purebred Landrace Boars for Sale
Good Selection, Top Bloodlines
National Champions, State Champions
Excellent Health Record

Harper's Valley Farm

R.D. #2 Box 691

Annaville, PA 17003

717-865-4842

AGGRESSIVE BOARS FOR SALE

PUREBRED & CROSSBRED BOARS

Tested at our own boar test station. Tested on
concrete, conditioned on pasture after test.

A good selection of
CROSSBRED GILTS
(York-Hamp, York-Duroc crosses)

Boars and Open Gilts
Guaranteed to breed

DELIVERY
can be arranged

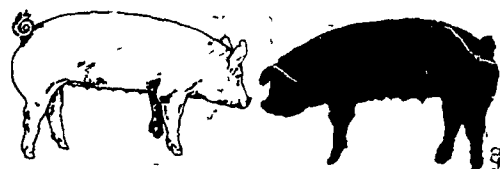
Brucellosis and Pseudorabies Tested Negative Herd

Buy Predictability and Healthy
Breeders

ISAAC'S YORKSHIRES

RD 2 Box 55C, Townsend, DE 19734
302-378-8432

YORKSHIRE BOARS - DUROC BOARS



BOARS AVAILABLE

3 Yorkshire - immediate service. 4 May
boars, 35 June boars, Duroc, 15 - June
20 - July. Val. #101 PRU #53. Price
\$300-\$500.

We will be delivering boars to PA Farm
Show daily. Call early for best selections.

Free delivery in Lancaster County
most Mondays.

We are located 30 mi. from Lancaster, 10
mi. from Farmer Boy Ag, 1 mi. from Tri-
County Swine Systems.

Call or Write
Durocs

Yorkshires
Leon L. Arnold
Rd 7 Box 705
Lebanon, PA
717-273-5880

Lawrence Arnold
1245 Cumberland St
Lebanon, PA
717-272-9827

Next Sale February 13th

Selling 40 Boars, 50 Bred Gilts
50 Crossbred &
Purebred Open Gilts

**This Publication
is available in Microform.**

University Microfilms International
300 North Zeeb Road, Dept. P.R., Ann Arbor, MI 48106

ARTIFICIAL BREEDING

Apache, \$90. Astronaut, \$55. Bell, \$55. Ford, \$25. Milkmaster, \$52. Starlite, \$75. Tradition, \$70. Pete, \$100. Victorian, \$40. 814-793-4202

HOG EQUIPMENT & SUPPLIES

HOG EQUIPMENT & SUPPLIES

HOG EQUIPMENT & SUPPLIES

HOG EQUIPMENT & SUPPLIES

Batch mixer, Supreme model 7004 w/electronic scales. Good condition. Call 717-299-3638

Hog fattening facilities for rent in Southern Chester County. 2000 hog per year capacity, 15 ton feed storage, slatted manure pits. Also 11,000 bushel grain storage available. 215-932-2678.

POULTRY & SUPPLIES

BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 791 Brodbeck, Pa. 17329, 717-235-2050

NEW LOW PRICES. Egg cartons, misprints when available \$15 - 1000, New Cartons \$38 - 1000. 717-665-5927 or see Eddie.

For Sale - 30,000 pullets ready to lay. Cage grown load lots only. 717-626-8257.

40 case/hr. Aqua Magic washer, candler & grader. Vac-Packers w/belt line turntable & carton closer. 50 case/hr. Egg-O-Matic grader/candler, 4 automatic packers w/carton closer & inline w/featherlite washer. Above equipment very clean. Call Jim or Mike Enck. 717-299-0828

3 ton feed bin with 200' of flex auger and 2 motors 717-626-4762 after 4 p.m.

Ag best pre-fab farrowing house, 4 crates and 2 piggens, gas heat, 3 years old. 717-394-3663

Farmer Boy model 70 hog sheller w/pen divider, weather guard, and sixteen hole Smidley feeder. Used 1 1/2 years. Very good cond. 717-682-3071 after 6 P.M.

POULTRY & SUPPLIES

Wanted-Heavy hens. We buy, sell and haul all kinds of poultry. Yank's 215-494-4578.

**Sell direct to us
for cash.**

- * Fowl
- * Pigeons
- * Bantams
- * Pullets
- * Capons
- * Rabbits
- * Guineas
- * Chucks
- * Turkeys
- * Lambs
- * Goats

**JACK MINTZ
POULTRY
215-267-4784**

Zeller Agri Services

High Pressure
Washing & Spraying
Poultry Houses, Hog Building,
Calf Barns

Complete Ventilation &
Security Alarm Specialists

RD 1, Elizabethtown, Pa. 17023
717-362-3860

FEED & SEED

Buyer of shelled or ear corn. John J. Hooper, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

For Sale - Bright Wheat straw, will deliver. Stump Acres, York Co. 717-792-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa. 717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

Wanted - Alfalfa, clover, mixed and Timothy hay, top quality only. Pay at your local scale. Fred Messing, 15 Glen Ave., Phillipsburg, NJ 08865. In business 31 years. 201-454-8259.

Shelled corn for sale. 412-794-3863

For Sale - Special trailer loads Peanut Hulls, \$28 ton plus transportation Suffolk, Va., immediate delivery. Bomberger's Store. 717-665-2407

Chambersburg, Hagerstown, Gettysburg, Frederick areas. Highest price for good hay. Cash in your hand. 301-739-8035

Will buy moldy grain. 301-833-1847

Want to buy hay at farm by trailerload in South and Central PA. Contact J.H. Mears 703-347-1414

FEED & SEED

Buying and Hauling hay. All kinds and quantities. 717-432-9442

18 Varieties WAXY Seed Corn Available, also Dent Seed Corn, Soybeans, Alfalfa. Contact George Steele, Custom Farm Seed, 717-665-6931, Dealerships Available.

2000 bu. high moisture corn, approx. 30 percent moisture. 814-472-6752

For Sale - Roast Soybean, baled twine. Plastic \$20.25. 717-786-3435.

For Sale - Round bales, Timothy, Orchardgrass, Blue grass mixed \$30/bale loaded on your truck. Also wheat and Barley straw \$20/bale loaded on your truck. Call 717-624-7585 or 624-2429

For Sale - Ear Corn. Berks County. 215-777-2072

Increase the value of your corn, feed it to cattle in our feed lot. 814-832-2244.

**FOR SALE
SAWDUST &
SHAVING
MIXTURE
Bulk Loads
50 mile radius
of Harrisburg
717-582-2352 or
582-2358**

SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Park Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

SERVICE AGE BOARS. Straight Irish or other foreign bloodlines. No U.S. breeding in our herd. Reno H. Thomas, Brooks End Farm, Beavertown, Pa. 17813 Phone. 717-658-5821.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813 717-658-5821.

125 Hampshire Yorkshire open gilts. Also service age boars of both breeds. John Strawbridge, Stewartstown, PA. 17363 301-996-2022

For Sale Duroc and Landrace Boars from production tested sires Crossbred gilts from Landrace or Yorkshire sired litters. Crossbred litters maintain a 9 plus weaning average over 400 litters per year. Dutch Valley Farm Rd 5, Box 428, Manheim, PA 17545 717-665-6220 Mark 717-665-2588 John

Yorkshire Boars and open gilts, breeding age and younger. Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225-1926.

Chester white and spotted boars and gilts for sale. Delivery available. James Parlett, RD 2 Airville, PA. 17032. 717-862-3610.

For Sale - Boars: Hampshire and Berkshire boars. Service age, delivery available. 215-285-6582. Call after 4 P.M. Terry Bennecoff.

For Sale - Duroc service age boars, sired by Midwestern bloodline. Fast gaining, aggressive breeders. Pseudorabies free herd #34, validated #133, delivery can be arranged. Rick Plautz, Stevens, PA 215-267-3739

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert. 717-244-1244

Registered Yorkshire Bred Gilts due to farrow Dec. and Jan. 717-292-4634.

For Sale - Bred gilts, some to farrow, in December, 4 way cross. Ed Ranck, 215-593-6488

For Sale - Ithaco Scanapreg, 302-492-3454 call weekdays after 7 P.M.

2 Duroc boars, 10 mo. old, out of Purina Kleen Leen stock, can deliver. 717-569-4762 after 4 p.m.

Reg Yorkshire Boars. Bred Gilts, and Open Gilts. Will deliver Red Run Farm, RD #2 East Berlin, Pa. 17316. 717-292-4634. York Co.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm R2, Strasburg, PA. 717-786-2562.

Open Gilts from certified Kleen Leen stock, qualified pseudorabies negative herd No. 44, Brucellosis validation No. 68. Also York and Landrace cross boars. Weaver H. Zimmerman 717-354-8147

ARTIFICIAL BREEDING

ZIMMERMANN'S SEMEN EXCHANGE!

SEXATION \$60.00
MILK MASTER \$60.00
CARLIN M. IVANHOE BELL \$62.00
S-W-D VALIANT \$130.00
ELECTRA \$45.00
PLUS MANY OTHER BULLS AVAILABLE
Ship or deliver anywhere in U.S.A.

Philip Hershey 814-848-9736
HARRY ZIMMERMANN
203C Greenfield, Road
Lancaster, Pa. 17602
717-291-9607
Call for very competitive prices

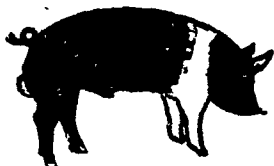
SWINE

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

SWINE

For Sale - Feeder Pigs We aim to please. 304-586-2823.

For a productive 1981...
Add a HAMPSHIRE BOAR to your herd.



Good selection of SERVICE AGE BOARS AVAILABLE. Gilts presently all sold until late summer. (Top Indexing Hamp Pen at O.S.U. Test Station w/81 144 Days to 230#, BF .81, LEA 5.8, 65% Lean Cut)

HAMPSHIRE HAVEN Val. #466
Bryan Eick & Family PRV #81
8619 W. Old Lincolnway
Wooster, Ohio 44691
Phone (216) 264-9206

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.

We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

TRI-COUNTY

PHONE 717-274-3488 LEBANON PA.



SWINE SYSTEMS

FOR THE BEST AND THE MOST DIVERSIFIED HOG EQUIPMENT COMPANY LOOK TO

Swine Systems

FARMER BOY AG

457 East Main St.
Myerstown, PA 17067
Ph: 717-866-7565

WE SPECIALIZE IN THE LATEST AND MOST
MODERN DESIGN IN BUILDINGS AND
EQUIPMENT FOR HOG CONFINEMENT
* GESTATION * FARROWING
* NURSERY * GROWER * FINISHER
* COMPLETE AUTOMATION FOR
WATERING, FEEDING, VENTILATION

SWINE

SWINE

NOW

AVAILABLE



SPOT x 1

**Reasons Why YOU Should Be One Of The
First To Own a Spot x1 HYBRID Boar**

1. Excellent feed conversion
2. Fast growing ability
3. Produces good milking sows
4. Backfat and daily rate of gain figures available on these boars.

SALES or LEASE
(Limited amount of gilts available)

EAST COAST HOG SERVICE

409 CLAY ROAD
LITITZ, PA 17543
717-626-6566

FEED & SEED

**MULCH
HAY
WANTED**

Call for current
price.
215-929-5753

**BUYING EAR &
SHELLED CORN
BARLEY & WHEAT**

Receiving Daily
Rt. 372-2 Mi.
West of Buck, PA
PH: 717-284-4628

MARK RISSE
Holtwood RD 1
PA 17532

WANTED
ALFALFA, TIMOTHY &
MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

Now Taking
Orders For
Winter Delivery
of Corn Silage
Will Deliver
215-274-8710
or
215-274-8171

**SELLING
HIGH
MOISTURE
CORN**

Will Deliver
LUKE H. KURTZ
215-944-0263
Berks Co.

**GRAIN HAULING
and
SAWDUST FOR SALE**
Robert A. Witmer
RD 2
Willow Street, PA
17584
717-464-2628

FEED & SEED

**WANTED
MULCH
HAY**

feeding Hay
& Bright
Straw

We haul or you
can haul.

GERALD BODMAN
717-799-5306

**BUYING
EAR CORN
AND
SHELLED
CORN**

Picked up at your
farm or delivered to
Manheim.

JAMES E. NOLL
RD 2, Manheim, PA
717-665-4785

FEED & SEED

**BUYING
EAR CORN**

Good Quality Only
Will pickup at your
farm.

KENNETH MIKO
R.D.3
Schuylkill Haven, Pa.
717-739-4586

**PEANUT
HULLS
FOR SALE
IN BULK**

\$42.00 Per Ton
Delivered
within 10 mile
radius of
Lancaster.
Other areas
based on mileage
717-299-3001

**FOR SALE
Peanut Halls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales**

717-529-2855
If no answer 717-529-6305

**GRAIN-BULK
MATERIAL HAULING**

Joseph Joyce, Jr.
Haymarket, VA
703-830-1925

Specialize Small Farms
Loads Both Ways
VA - MD - PA - WV

**WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER**

Elizabethtown, Pa.
717-367-6309

**PEANUT HULLS AND
SHAVINGS**

For livestock and
poultry beddings.
Also good for mulching crops.

GAIL B. BEAM
Harrisonburg, VA
703-433-0738

WANTED

Shelled corn and soybeans
Dealer in small grains,
contract or spot purchase.

EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
717-354-4061

Looking for acres to
**CUSTOM
HARVEST**

Stern Farms

Buying and selling high moisture
corn and dry corn
Call for price.
Trucking Available.

717-748-2563

**BUYING & SELLING
EAR CORN &
SHELLED CORN**

**CUSTOM DRYING
AND STORAGE**

R.K. VOGT GRAIN

RD #1, Marietta, PA
717-653-2510

"Customers make our day"

**FOR SALE
SAWDUST**

Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads

**SAWDUST AND
SHAVINGS MIXED**
Discount given for Quantity

R B TRUCKING

Ronald Bowersox
717-444-3572

FEED & SEED

**CUSTOM GRAIN DRYING
AND STORING**

Fast Unloading and Loading.
225,000 Bushel Storage Capacity
**BUYING EAR CORN AND
SHELLED CORN**

Call For Prices.
Picked Up At Your Farm Or
Delivered To Milton.

SHOOP GRAIN CENTER
RD 1 Milton, PA 17847
717-524-0325

**GRAIN DRYING
AND STORAGE**

**BUYING
AND SELLING
SHELLED CORN**
CONTRACTING NEW CROP CORN

NELSON L. ROHRER

R3 Lititz, PA

717-569-7929 717-569-4383
Located along Route 272 1/2 mile off
Oregon exit of Route 222 bypass.

**BUYING
WHEAT
CORN & SOYBEANS**

CONTRACT OR SPOT PURCHASE

480,000 bu. Storage capacity
Fast unloading, digital printout scales

HOSTETTER GRAIN

RD 1, Oxford, PA
Located along Rt. 10 between
Russellville & Oxford
215-932-4484 business
215-932-9599 Residence

AFRAID OF TOXINS?

Don't Just Stop the
Source of Toxins -

KILL IT!

Use

**MonoProp Mold
Killer**

Contact your local distributor
for more information.

**New Holland
Supply Co.**
New Holland, Pa
717-354-4001

**Cooperative
Feed Dealers**
Binghamton, NY
607-645-4191

**International
Stock Food Corp.**
Waverly, NY
607-565-2805

J.L. Hoffman
Allentown, Pa.
215-432-4466

MonoProp® is Manufactured by Anitox Corp.,
Box 435, Buford, Georgia 30518
1-800-241-9357

White Horse Grain Co.

CONTRACTING

*** CORN * SOYBEANS**

SPECIAL TRUCKING SERVICE AVAILABLE FOR FARM
PICKUP OF YOUR GRAINS.
CALL FOR DETAILS.

CONTACT US FOR YOUR
1982 PRICES ON

- * SEEDS
- * FERTILIZERS
Nitrogen, Phosphorus, Potash
- * CHEMICALS

**BALER
TWINE**

Phone: Office 215-869-8201 215-869-8006
Dick: 215-932-3307 evenings

RD 2, Cochranville, Penna. 19330
Located on Rt. 41 Between Avondale and
Cochranville. Warehouse at Russellville.

FEED & SEED

BUYING ALL TYPES OF HAY NEED MULCH HAY

Will Pick Up
Ken Fahnestock
717-896-8554

MR. GRAIN PRODUCER...



Is In The Market To Buy Your Grain

Delivered, or F.O.B. Your Tank

Grain Receiving in Lancaster, York, Palmyra

Call Pennfield Corporation at 299-2561

Area 717 or 215
Call Toll Free: 800-732-0467
Outside of PA
Call Toll Free: 800-233-0202

FERTILIZER

or Sale - Chicken manure, will deliver, 215-73-3097

BUYING & SELLING BROILER MANURE

Hauled in 20 ton loads
717-354-4175

FERTILIZER

BROILER & TURKEY MANURE FOR SALE

Delivered within 100 mile radius of Harrisburg, in 15 ton loads.

717-582-2352

HOG MANURE FREE

except for delivery charge
15 mi. radius of Felton, York Co.
717-927-9318

WANTED - CAGE LAYER MANURE

I can provide cleaning and hauling during the following months: June - August - September and December thru March.

Schedule your houses Now!
References provided upon request
York Co.
717-432-2630

MUSHROOM SOIL

200 bu. for \$40
400 bu. for \$60
600 bu. for \$70
800 bu. for \$80

Save Fertilizer Dollars \$

Use Poultry Manure
Delivered in Trailer Lots.

717-859-3348 after 5 p.m.

MAHLON H. MARTIN & SONS

FERTILIZER

MUSHROOM SOIL

1000 bu. load
@ \$75 per load

Poultry Manure Also Available

215-376-0938
after 6 P.M.

PLANTS

Mulch Crop Supplies

again available
after Jan. 15, 1982
Plastic-Jiffy 7's-
Jiffy 9's and
tape seeds

These supplies offered at low prices. Plastic prices lower than last year. Early order appreciated.

Rufus R. Martin
RD 1 Box 346
Port Trevorton, PA 17864

SERVICES OFFERED

J.C. Ehrlich Co., Inc.
Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Will clean heifer barns, chicken houses with Bobcat loader. 215-869-2160.

Grain Storage. Erection, sales, and service, Call 717-933-5358.

Cattle Hoof trimming, David Eckman, Lancaster & surrounding counties 717-284-2388 or 284-4706, Somerset & surrounding counties 814-798-3209

SERVICES OFFERED

Oatman Septic Pumping Service White Oak Rd. Smyrna, Lancaster Co., PA 17509. 215-593-6240. 215-857-9612

Bradford's Cattle Hoof Trimming with hydraulic table. 301-452-8574, Street, MD.

Soybean roasting on your farm Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Builder, houses and barns, garages, etc. new and repair. Write Aaron K Smucker, Strasburg, R1 Box 188, or call Abe Mills after 6 P.M. 717-442-8535.

Will board heifers. Quality haylage, corn silage, supplements and minerals. Any age from 6 months to freshening. Chester Co. 215-347-1792 or 347-2346

Garden Spot FFA wishes to build calf hutches, small buildings or other types of construction work. Built to your specifications. Will also do chicken pulls or any other type of work for fundraiser. Phone 717-464-3628.

HOOF TRIMMING M.D. HERR

717-665-2718
Lancaster and Surrounding Counties

CUSTOM HOOF TRIMMING

4 years experience in Turkey Hill Dairy Herd.

Tom Frey
Lancaster County
717-872-2132

END O' RAT



KILLS RATS and MICE

Rats Favor its Zesty Flavor!

Distributed by
NEW HOLLAND SUPPLY
For Additional Information,
Call 717-354-4001

SERVICES OFFERED

Wanted - Agricultural related trucking Call 717-345-4020.

GENERAL CARPENTRY

- Pole Barn Buildings
- Cow Stables
- Block Buildings, etc.
- Cement Work
- We Also Do Repair Work

STEPHEN F. FISHER
RD #1 Box 174
Strasburg, Pa. 17577
717-442-9513
after 6 p.m.
No Sunday Calls

General Hauling and Skid Loader Work

Hay and Straw and Tobacco and Equipment Hauling

Ivan S. Zook
RD 1, Gap,
PA 17527
717-768-3052



Wall lamps make ideal gifts for shops and homes. New and reconditioned lamps and lanterns. Also #237 kerosene recons.

Queen Road Lights
Sales and Service
Enos Esh
142B Queen Rd.
Gordonville, PA 17529

CUSTOM WORK

CUSTOM WORK

AMOS BAWELL & SONS INC.

Custom Beef & Pork Butchering

Custom bologna, franks, pork roll and ring bologna. Also USDA inspected corn fed beef for sale - sides and quarters.

Custom Deer Processing
Bologna, ring bologna and franks.

Located 1 mi. northeast of Bareville on Butter Road.

717-656-6985

HELP WANTED

Area Sales Manager position. Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area. Prefer Bedford-Fulton Co. residence as this would be the center of the area. Must have agricultural background & have at least 10 yrs. of successful selling of agriculture products. Pay & benefits commensurate with ability, experience & productivity. Reply to Box 366 JH-137, c/o Lancaster Farming, Lititz, Pa. 17543.

Christian person to work on dairy farm, good pay, housing, utilities, health insurance. Call 301-758-2213 between 7 and 8 p.m.

Elderly man to live in cabin at backwoods farm, no hard work. Paul F. Yerger, Sr. RD1, Auburn, Pa. 17922.

Experienced writers who are familiar with farming and photography to do parttime correspondent work in Chester and surrounding counties of PA. Send resume and writing samples to Editor, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

HELP WANTED

Auto-oil dealers wanted. 717-626-5693

Person or couple for milking on modern dairy farm, experience and references required, housing available 717-532-9271

Individual with management ability for modern poultry and grain farm in Lancaster County. Hospitalization, paid vacation, and other benefits provided. Write to Box 366 J-210, c/o Lancaster Farming, Lititz, Pa. 17543

Assistant herdsman on modern Harford County MD dairy farm. Some field work. Write: Lancaster Farming Box 366 K-19, Lititz, PA 17543

Secretary - pleasant working conditions, opportunity to advance to management position. Lebanon area. 717-272-3333

WANTED

Truck Route Salesman for a growing Lanc. Co. Dairy Equipment Co. Must have ability to effectively deal with customers and handle paperwork.

ALSO

Position for dairy equipment salesman with field experience. Inquiries confidential. Salary and benefits open.

Send Resume to
Box 366 J-208
c/o Lancaster Farming
Lititz, Pa. 17543

EGG PLANT

PROCESSING MANAGER

West Coast. Supervise 150 people and processing, breaking, dryer, QC, shipping-receiving. Egg plant experience a must. Opening immediate. Call Ted Schell.

513-221-1111

WANTED SALE PERSON

Expanding agriculture company needs sales representative in PA, MD, NJ, DE and VA. If you have been looking for an opportunity w/top earnings, this is it. We have a top quality product sold and delivered direct to the farm. You will have a protected territory w/no overnight travel and be paid on a top commission basis. We will give you all the marketing support in the field to make you successful and allow you to earn as much money as you desire.

For more information on this outstanding opportunity and your future please write Lancaster Farming, P.O. Box 366 J-209, Lititz, Pa. 17543.

CLAIR E. BEILER

CATTLE & HOG GATES
FAST PROMPT SERVICE



WELDING SHOP

SHOP ON WHEELS
ELECTRIC - ACETYLENE - MIG
ALUMINUM - STAINLESS STEEL

442-8126
Smyrna Rd.
593-2444

If No Answer Res. Paradise

BARN, HOUSES, ETC. NEW OR REMODELING REISTVILLE BUILDERS

Amos D. Stoltzfus
Ivan Nolt
RD #2 Myerstown,
Pa. 17067
717-949-3147
or if no answer
717-866-6235

DANIEL S. SMUCKER

Building & Remodeling
Roofing, Siding
Carpenter & Mason
Work done.
No Job Too Small.
Low rates.
Quality Workmanship
Call
717-768-8614
RD #2 Narvon, PA

CARPENTRY WORK

Repair old or new homes. Aluminum window covering and siding, roofing, old barns, etc.

Stephen F. Stoltzfus

RD 1 Box 176
Strasburg, PA
717-687-8412

CUSTOM WORK

Will do custom hauling w/21' rollback truck during winter months. 717-393-6530 8-4.30.

For Sale - JD 4230 Tractor, QR, excellent condition \$12,500 301-829-0271

Custom Chisel Plowing

with Soil Saver

Will travel for large acreage.

Berks Co.

ELAM HOOVER
RD 2, Reading, PA
215-926-2908

HELP WANTED

WANTED

Service manager for established farm equipment dealer. Must have ability to supervise mechanical operations, effectively deal with customers and handle paperwork.

ALSO

Position for agricultural equipment salesman with field experience.

Confidential Inquiries
Salary and benefits open.

Location - Northern Va., Piedmont Area.
Send Resume to: Box 366 J-206 Lancaster Farming Lititz, Pa. 17543

SITUATIONS WANTED

"NEW DUTCH IMMIGRANT" with 20 years experience in tobacco, soybeans, cotton, cattle and general farming, seeks employment anywhere.

Reply J Smit Indian Trails Milford PA 18337 c/o General Deliveries Phone (717) 686-1545

A Christian dairy farmer who would be interested in a shared or partnership deal. Write: Lancaster Farming, P.O. Box 366 K-22, Lititz, PA 17543

BUSINESS OPPORTUNITIES

"LIKE T.V.?"
Imagine 50 channels on "your set" easy, reasonable. Regional directors needed now!!
"FREE BROCHURE"
American Wholesale Satellites
Box 448
Stone Mt., GA 30086

TRUCKS & TRAILERS

'72 Chevy 1 ton dual wheel, 6 cyl, 4 spd \$650 or best offer 717-684-0661

Energy Hyd. truck hoist Sales & Service. Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, \$3900. 1970 Ford, rebuilt gas engine, single axle, \$2900. 717-866-4906

For Sale - 12' used steel cattle body. 21' used wood cattle body. Used 24' aluminum livestock body, used 18' aluminum livestock body. Both aluminum bodies in excellent shape M.H. Eby, Inc., Blue Ball, 717-354-4971

Cherokee & Rawhide stock trailer, dump grain trailer, farm flat beds & horse trailers. Gooseneck & bumpers available. 201-782-8771

Truck bodies - New and used. Call for prices and availability. J.R. Opp Co., R.D. 1, Muncy, PA 17756 717-546-3397

12' tandem axle cattle trailer \$700 or best offer. 717-684-0661

TRUCKS & TRAILERS

JEEPS, government surplus, listed for \$3196, sold for \$44. For info Call 312-931-1961, ext 1270

'76 Chevy pickup C30, PB/PS, good cond 717-367-4846

Ford 1969 W1000CoE 335 Cummins w/fuller 10-speed, road ranger Heavy duty rears, twin screw 1000-22 rubber Good condition. Drive train excellent. Needs cab. Call 609-451-6057 \$4000.

For Sale - 1962 GMC 5000 cab and chassis 26,000 GVW. \$1000 Call 717-761-0651 after 8 PM

Wanted - Aluminum tandem axle dump trailer for grain 609-298-3342

1971 International 1 ton dual wheels, 6 cyl 4 spd \$700 or best offer 717-684-0661

Gooseneck dump trailer, 15,000 GVW and/or J20 jeep 8,400 GVW, both inspected. Lancaster County. 717-786-1882

1974 LN 8000 Ford, 225 Cat w/new 24' Jern Dan Rollback's, Ford 700 1969 with 24' Grove Rollback \$5500 A good cheap truck. 717-265-9014.

For Sale - or Trade - 1975 35' Globemaster travel trailer w/separate bedroom, AC, and much more, used one year. Asking \$6000, value new \$15000 Will trade for good diesel farm tractor, crawler or backhoe of equal value 717-334-6357 weekends 717-334-7035 evenings

4 Horse stock trailer, hydraulic brakes, \$700 Old Chrysler to tow trailer \$150. 717-392-1401.

TRUCKS & TRAILERS

1977 Int 1800 446 V8, 5 and 2 speed, air brakes, power steering, double frame 1000x20 tires, 69,000 miles, 32,000 GVW, 1971 Int 2110 tractor with 5th wheel, 477 V8 5 and 2 speed, air brakes 1000x20 tires. 301-877-9889.

'78 Ford E-350 cube van, 13' insulated body. 351 auto, PS/PB good condition \$3950 717-626-1564 dealer

For Sale - 1977 Ford Courier, auto trans., many options 38,000 miles, like new cond includes wide spoke wheels and custom grill. Call 215 536-5825 for information.

For Sale - 1965 F Model Mack, cab needs repair. Running gear good will sell whole or parts. Also 1693TA Cat engine, RT 12513 Road ranger trans., 44000 Rockwell rears, spokes hubs, 12000 front axles, disco hubs Phone 717-365-3714

Wanted - Cab over w/silage box on for farm use Shelmor-Acres 717-653-5663

1960 Fruehauf 32' tandem axle flat trailer with 4' grain sides \$1500 301-790-2664

IH Truck Model 1700 1965 White Cab Over

STRALEY FARM SUPPLY

1760 East Canal Road
Dover, PA 17315
717-292-2631
717-292-4443

FOR SALE

40 x 12'9" insulated utility potato trailer, wood floor, slider on 22" tires.

45 x 12'6" brown van trailer, side door, slider on 20" tires.

45 x 13'6" Gindy van trailer, slider on 20" tires.

3 low cost hay or grain flat trailers.

Storage trailers for sale & rent.

Keens 717-626-5420

4 WHEEL DRIVES

★ 19 In Stock!

PICKUPS

★ 30 In Stock!

VANS

★ 13 In Stock!

WE DEAL!

MIKE RHODES & CO.

"THE TRUCK PEOPLE"

Rt. 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free

1-800-362-7655

or 215-327-1380

Hostetler Truck Bodies & Trailers

Livestock Trailers
Grain & Dump Trailers
Flatbed Trailers

Grain and Livestock Bodies
Stake and Contractor Bodies
Utility or Service Bodies

Rt. 322, Milroy, Pa. 17063

717-667-3921



TRUCKS & TRAILERS

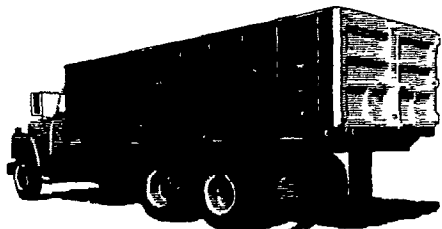
1980 Ford F150 4x4 Ranger, 6350 GVW, 18,000 mi. Rust proof. Trailer towing package. 4 spd trans. \$7900 firm 717-776-7724

TRUCKS & TRAILERS

Custom built stake side truck body. 10' 78" by 3'7" sides. Fits 1/4 or 1 ton 717-264-8814

Livestock & Grain Bodies

Bigger Than Ever, Better Than Ever



■ One-piece roll formed steel sides with built in tarp rail Available in 28", 40" and 52" extra-capacity heights all with maximum corrugation for maximum strength

■ 40" and 48" hardwood sides also available the truck body Omaha Standard built its reputation on

■ The toughest platform in the business - laminated wood, smooth steel or tread plate

■ Easy-conversion hardwood upper racks greater flex and life than steel fold down racks

■ A full line of rugged gates all engineered to make your job easier

Omaha Standard

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville,
Lancaster County
717-354-4271



LANCASTER

1710 Rohrerstown Rd.
717-569-2648

YORK

1116 Roosevelt Av.
717-848-6400

USED TRUCKS

EXCEPTIONALLY CLEAN AND WELL MAINTAINED

1977 FORD ECONOLINE E250

300 cyl. engine, auto trans. radio, new paint.

1975 CHEVROLET TE67

20' VAN

366 V8 engine, AT540, automatic transmission, aluminum body w/curbside door and roll-up rear door, power steering, radio, new paint.

1976 FORD LN7000

14' REFRIGERATED VAN

175 HP Cat engine, 5 sp. - 2 sp. trans., 1000x20 tires, dual 50 gallon tanks, XMT-20 Thermo-King unit, new paint.

1979 CHEVROLET C7D042

Cab and chassis only, will take 14 or 16' body, 366 V8 engine, 5 sp. trans., PS, tilt hood, new paint.

USED TRACTORS

1975 CHEVROLET Titan 90

Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission, PS, AC, with or without new paint.

1976 PETERBILT 352S86

Tandem axle diesel sleeper tractor, 350 Cummins engine, 13 speed transmission, power steering, A/C, overhauled.

1977 GMC JC 9640

Tandem axle diesel, conventional cab, NTC 290 Cummins engine, 10 sp. trans., 38,000 rear axle, PS, AC, low mileage

1977 Ford LN 9000

Single axle diesel, conventional cab, 238 Detroit engine, 10 sp. trans., PS, AC, Air Shield, just overhauled, with or without new paint.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

TRUCKS & TRAILERS

Wanted - 1948 or 1949 Chevrolet pick-up. 215-628-2159

TRUCKS & TRAILERS

For Sale - 1975 GMC Truck, 16' dump, stake body like new condition 717-494-1626

HEAVY DUTY MEDIUM DUTY NEW TRUCKS

IMMEDIATE DELIVERY

STK # 371 81' IHC 1754 C & C, 23,660 GVW, 16 ft. Body, Diesel Eng., P/S, P/B, 5 Spd. Trans., 2 Spd. Rear

STK # 656 '81 IHC 1754 C & C, 23,660 GVW, 900x20 Tires, 9.0 Liter Diesel, P/S, 5 Spd., 2 Spd. Eng. Htr.

STK # 510 81' IHC 1854 C & C, 26,500 GVW, 18 ft. Body, P/S, P/B, Radio, Diesel Eng., 1000x20 Tires.

STK # 615 81' IHC F2275 Tractor, Tandem Axle, Cummins 300, 9 Spd. Trans., P/S, A/C, 1000x20 Tires, Radio, Sliding 5th Wheel.

STK # 290 81' IHC COF9670 Tractor, 89" Sleeper, Tandem Axle, Cummins NTC400, 13 Spd., 40,000 lb. rears, Custom Int., 2 Tone Paint, 1000x20 Tires

STK # 875 82' IHC 1954 C & C, 28,000 GVW, 18 ft. Body, DT466 Diesel, 5 Spd., P/S, P/B, w/c Mirrors, 1000x20 Tires, Rein. Frame

STK # 764 80' GMC 6000 Series w/14 ft. Van Body, V8 Eng., 4 Spd. Trans., 2 Spd. Rear., 825x20 Tires, 19,200 GVW

STK # 121 81' GMC HD J8C042 C & C 30,000 GVW, For 20 ft. Body, Frame Rein., 3208 Cat., 5 Spd., Trans., 2 Spd. Rear, P/S, Radio, HD Sups.

STK # 949 81' GMC 20 ft. Rollback, 27,500 GVW, V8 Gas Eng., 1000x20 Tires, P/S, P/B, 5 Spd. Trans., Delta Rollback

STK # 848 81' GMC C6D042 C & C, 8.2 Liter Diesel, P/S, 23,160 GVW, Radio, 900x20 Tires, 5 Spd. Trans.

STK # 937 81' GMC C7D042 C & C, Diesel Eng., 5 Spd. Trans., 2 Spd. Rear, P/S, P/B, 27,500 GVW, 16 ft. Body

STK # 354 81' GMC C7D042 C & C, 205 HP Diesel Eng., 18 ft. Body, 1000x20 Tires, P/S, P/B, Radio, Frame Rein.

ASK FOR DUKE BERMAN TRUCK MART INC.

Rt. 100 & State St.
Pottstown, PA
Phone 215-326-2200

'72 Japer trailer, 6'x16' 3000 lb. license \$495. 717-792-1366.

1966 Dodge P300 step-in van w/built-in meat case and block. Ready to go. 717-428-1602

RECREATIONAL VEHICLES

'72 Japer snowmobile trailer, 6'x16' 3000 lb. license \$495. 717-792-1366

Playmor Camper w/stove and table
1964 Chevy Camper, self-contained, sleeps six

STRALEY FARM SUPPLY

1760 East Canal Road
Dover, PA 17315
717-292-2631
717-292-4443

TO HAVE YOUR TRUCK BODY LENGTHENED OR SHORTENED

CONTACT
WITTES TRUCK
AND TRACTOR
301-829-0271

AUTOMOBILES

AUTOMOBILES

1976 D-200 Club Cab 3/4 ton Real Nice
1982 D-150 Miser 21 & 29 EPA
1 - 1982 Marida Low Mileage - heather 6 cyl. fully equipped SAVE
1981 B-350 Maxi Van 15 Passenger, 8000 mi. Like New

PETTICOFFER DODGE, INC.

Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE: 717-367-1808

AUTOMOBILES

52 Plymouth Fury 2 door, hard top, auto., radio, heater, ps, 318 engine, good restorable car. 9589 were built, \$750 717-766-9272

1954 Ford Customline, 4 door, 6 cyl., auto., 67,000 mi., runs good, state inspected, \$1250. 717-766-9272

1975 Ford Granada, automatic trans. and power steering

STRALEY FARM SUPPLY
1760 East Canal Road
Dover, PA 17315
717-292-2631
717-292-4443

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud. \$25 933 3600.

AKC Golden Retrievers ready to go December 14th, Vaccinated Parents \$1500 For Hip Displasia. \$150 717-865-5887.

For Sale - Reg. Border Collie puppies 717-653-2553

AKC Springer Spaniels, champions and excellent hunters. Ready for Christmas 717-687-8311

For Sale - Registered Australian Shephard puppies. Ready for Christmas. Shots and wormed. Call 717-524-0893

Toy Fox Terriers Pups U.K.C registered 2 males, 3 females. Clarence Auken, Ephrata R3, E. Fulton St., PA 17522

HOUSEHOLD GOODS

For Sale - Warm Morning coal stove, LP gas furnace, both in good condition. 215-273-3050

PETS

Great Danes, Harlequins, male and female or black w/white female, AKC, 7 weeks, \$275 or \$325. 215-459-1244

Border collie pups. Ready for Christmas. Chester Co. 215-593-6221

For Sale - Australian cattle dog pups, blue heelers, from good working stock 717-899-7755.

Purebred Collie puppies, 6 weeks old. 717-653-5975

Bouvier Des Flanders puppies, 8 wks. old, reasonable. 609-935-3637

AKC Registered Collie pups will make beautiful Christmas gifts, ready to go week before Christmas. Taking orders now \$85.00. Franklin Co. 717-328-2458

WANTED TO BUY

Puppies, 6 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call between 12 noon & 6 p.m. Mon., Tues. & Thurs. only 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

MISCELLANEOUS

factory fresh cedar chest kits, oak flooring, plywood. Phone Tom Hostetler. 717-539-4091.

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

Wanted - Paper contents of old business files or warehouses. Quick cash and fast pickup. 717-393-4336 evenings.

DRUMS & BARRELS - New and used plastic steel and fiber. Fresh, empty wooden barrels for wine & cider. Local and Long distance delivery. Reliable Recyclers, Inc. 114 S. Maple Ave., Leola. PA 717-656-4211

4-burner bottled gas stove, ideal for country home or deer camp. Make an offer. Call 717-626-8078.

For Sale - New tobacco baling boxes, Minnich type. Samuel J. Stoltzfus, 2870A Church Road, Bird-in-Hand, PA. 17505

Award Winning Coca-Cola Cake. Delicious! Melts in your mouth! Try it! Fantastic Holiday Dessert. Recipe \$125. SEE, Box 6401, Canton, OH 44706-0401

Wanted - Firewood Market. Buyer must load and haul. Bids based by the full cord. 717-254-6558. Or mail bid to: Mike Simon, RD 1, Jermyn, PA 18433.

PETS

MISCELLANEOUS

Kerosene Drums - New & Used 5 to 55 gal. Sizes. 717-656-4211

For Sale - Toledo Scales XN6000, 20 tons, very good cond 717-692-3805.

Closed carriage, shed interior (tan), front brakes, needs paint job, \$1000. A.K. King 1241 Gypsy Hill RD. Lancaster, PA 17602.

FARM TOYS FOR XMAS, heavily constructed Allis Chalmers miniatures from stocking stuffers to chain drive pedal tractors and tow wagons. Priced 20% below toy stores or mail order. Call TOWNE TRACTOR, 201-431-3838. We ship same day, United Parcel.

Wanted - Indian motorcycles or parts made before 1953. Scott L. Loughead, 407 N. Five Point Road, West Chester, PA 19380

NJ 206 manure spreader, used 2 yrs. 6 yr. old gelding Morgan Standardbred. Lots of life & has been worked in field. 717-483-6953

For Sale - Oak, poplar and walnut lumber (green). Slabwood - long lengths, and sawdust (dry). Moyer's Sawmill, Rt. 2 Annville, 717-867-5316.

Landis covering shop, coverings, mantillas, crocheted bonnets, hand painted mottoes, Open Mon. and Fri 1:00 to 8:00, Tue and Wed. 8:00 to 5:00, Sat. 8:00 to 4:00. Closed Thur. 717-392-6665.

Wanted - 3 pt. circular wood saw in good shape. State price in letter. Write - David R. Stoltzfus, RD 2, Box 249A, Wanner Rd., Narvon, PA 17555.

Wanted: Church benches & pulpit. 717-866-2496.

For Sale - 50 kw alternator w/Deutz diesel, \$7000. Also Quincy 10 hp air compressor double stage, \$1200. 1000 gal air tank, \$800. 2 cylinder 34 hp Hatz diesel, looks & runs like a Deutz., \$2200. Hobart 300 amp mig welder, 3 phase current, \$1200. 717-935-2056

FUN FOODS - Fifteen dessert recipes, ages 7 thru 12. Some quick, easy snacks requiring no cooking. \$1 and SASE. A Ream, Box 164, Mt. Lake Park, Md. 21550

Sure Weight Scales, portable. Model 1259-B, weighs up to 3000 lbs. like new \$1000. 609-451-4968.

For Sale - Walnut, Cherry and Rock Oak untreated. Call 717-776-3239 anytime.

For Sale - Top buggy with stormfront. Wayne Martin, Bowmansville along Rte. 625.

90 Guinea Fowl 5 mos. Timothy Hay #1 small lots. Black Walnuts, in shell or kernels. Farmer Boy hog shelter. Sam King, 434 S. Belmont Rd., Ronks, PA. Lanc. Co.

For Sale - Penna. fire wood loaded on your truck or trailer. Have plenty on hand. Also white birch fire place logs. 717-494-1626

For Sale - Custom Painting. Also, Hand-painted gifts, milk cans, butter churns, jugs, skillets, saws, etc. Bailey's Handpainting Shop, Kramer Mill Road, Reamstown. 717-267-2311

Wanted - Black iron cookstove, wood, coal, gas combination on legs, prefer waterjacket but not necessary. Must be in good working order. Write stating price, condition, sketch. E. Stanley, 182 Bridge Street, Graterford, Pa. 19426.

Sale-Meat Grinders, Band Saws, Slicers and Tenderizers, also, New Splitting Saws for only \$225. Gerry Grundy, Doylestown, PA on Rt. 75, 200 yds. north of Rt. 274. Open Sat. and Sun. 10 a.m. - 4 p.m. 717-349-7654 or eve. call 215-549-7584.

MISCELLANEOUS

Wood Shavings Are Best!

Processed and Packaged by Eastern Wood Fibers, Inc.
8294 Dorsey Run Rd
Lewes, Maryland 20794
(301) 498 6100

RUBBER STAMPS

Made To Order
Ink Pads Available
Write or call after 6 P.M.

Gary Hess

451 N. George St.
Millersville, PA
717-872-6245

FOR SALE BUTCHERING EQUIPMENT

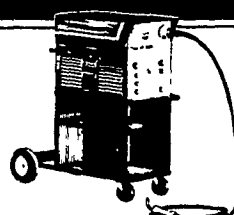
MEAT SAWS, GRINDERS, STUFFERS, SLICERS, SPLITTING SAWS, TABLES, KNIVES, ETC. NEW & RECONDITIONED
MARTIN DAMBERGER CO.
4110 Pinkney Rd.
BALTIMORE, MD 21215
(301) 358-9700



KNAPP SHOE SPECIAL

K29
6" Farm Shoe
Reg. \$49.99
Dec. Only
\$39.99
Send size or contact:
MICHAEL S. LAPP
Rt. 3, Box 235
Quarryville, PA
17566

CENTURY ALL STAR MIG WIRE FEED WELDER



Stock No 117-002
Built for Quality, Capability and Economy
• Welds aluminum or steel without expensive attachments
• Welds 26 gauge to 1/4" metal with ease
• Welds in all positions - including overhead and vertical
• MIG Welding is the only acceptable means of welding High Strength Steel used in new cars and trucks



FARMERSVILLE EQUIPMENT INC.

Ph. 717-354-4271

REAL ESTATE

For Sale - 43A Farm, mostly iron stone soil, four bedroom house, running water, along Oaklin Drive and Yellow Hill Road, Brecknock Twp., Lancaster Co. \$155,000. Some financing available, low interest. Menno Shirk, RD #2, Brown Road, East Earl, Pa. 17519.

REAL ESTATE

For Sale - Operating stock and equipped dairy farm located in heart of beautiful Dairy Valley in Central New York. Mostly all river valley land with 4-5 cuttings alfalfa, choice of milk markets. Excellent 80 V-tie stall pipeline barn; Machinery shed and heifer raising facilities. Eleven room house. Must see. Phone 315-495-6560 for details.

FOR SALE - Steuben County, New York State Finger Lakes Region, 237 acre farm, completely restored federal style five bedroom home with attached garage and workshop, brand new L-shaped barn plus other older outbuildings, 110 acres tillable balance wooded, valuable gas/oil lease included. \$145,000 with excellent terms available. Hauryski Real Estate, 16 West William Street, Bath, New York 14810. Phone 607/776-7150.

48 1/4 acre farm in Kraltown, Washington Twp., near Wellsville. 8 room house, 48x56 barn, and other buildings. 717-764-3779

Dairy Farm for sale, Bradford Co. 217 acres, new double 6 Bou-matic milking parlor, new bulk tank and thermostores, dairy barn holds 60 cows, tie stalls, dry cow and heifer barn, 25x60 machine shed, 2 ponds, 2 story home, new steel siding and roof, 4 bedrooms, 7 rooms downstairs, remodeled inside, home overlooking lake. Call anytime 717-888-9312

LANCASTER-CHESTER COUNTY
A beautiful secluded rural setting, yet near main highways... all stone rancher with 3 bedrooms, basement recreation room, PLUS 9 acres woodland with wide swift Octorara Creek flowing through property... five minutes to an operating horse training farm with training track, therapeutic pool, box stalls, etc. HAYES OXFORD, INC. 215-932-3092; evenings & weekends 215-593-5652

For Sale - by owner. Lycoming Co. farm. 360 A. 155 till. Land only or w/buildings. Excellent hunting. Call 717-435-3186

FREE!

Exciting Seasonal Editions Catalog! Over 5,400 country properties described, pictured! Land, Farms, Homes, Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!

STROUT REALTY
P.O. Box 773A Dept. 6490
Harrisburg, PA 17102
CALL TOLL FREE
1-800-641-4266

Shenandoah Valley, VA - 144 acres general crop and livestock farm, improvements large bank barn designed for cattle feeding, house w/bath needs modernization, gently rolling land, approx. 90 acres tillable, creek frontage, pretty view, good area for a dairy operation. Seller will help w/financing. R.J. Clower Real Estate 703-740-8867 or 703-459-4011.

For Sale - Woodland, 20.65 acres, Walker Twp., Juniata Co., off Rt. 333, adjoining State Game Lands, \$40,000. Phone 717-463-2370.

"Dairy Operation" Two sets buildings, ninety acres tillable, subdivision possible, 3 silos, near Golf course, terms possible. Ace Realty Shrewsbury. 717-235-7915 "Farm of Charm" Eleven acres colonial, barn, summerhouse, Rental income, garages. Near Golf course. Ace Realty, Shrewsbury 717-235-7915

REAL ESTATE

100 acre farm, lg. barn and apartment, stone home, zoned industrial, excellent land, could be bought with 80 acres and no buildings, must be sold. Call look-and make offer. Hayes Octorara 215-857-2141

94 acres, 80 tillable in Path Valley Franklin Co PA Large stone house in excellent condition, large barn for dairy or beef. Easy access, three miles from turnpike. Hunters paradise. Assumable low interest mortgage to qualified buyer. Must sacrifice. 717-248-2120.

51A Berks County by owner. Pond, Stream, Fenced, 20 Tillable, 1780 Stone Colonial, Small Barn, Outbuildings, \$140,000. No Brokers 215-367-8194

Wanted - Small crop farm with modern home. Please include price, taxes, commercial possibility etc. Reply to Box 366 J-207, c/o Lancaster Farming, Lititz, Pa. 17543

For Rent - 4 bedroom farm house west of York, newly decorated, fuel oil furnished, references and security deposit, \$325 per month plus utilities. Available Dec. 16. Prefer retired person or teen age boy to work on farm. STUMP ACRES. 717-792-3216 York Co.

SELLERS WANT ACTION PRICES GREATLY REDUCED

Take a look at this beautiful 128 acre Cumberland County dairy and beef farm (Dairy barn needs remodeling) New modern beef barn, 40x104 w/100' bank feeder, new 24x70 concrete stave silo w/unloader. Meadow w/stream and pond. Large 4 bedroom frame aluminum sided home w/all conveniences. Call today for an appointment

77 acre dairy, 39 stanchions, large loafing area, room for expansion, 600 gallon bulk milk tank, stream in meadow, modern home w/all conveniences. Located in Southern Lancaster County.

Many other farms available.

BERKS CO.

120 A. Dairy
81 A. General
10 A. Mobile Home
5 A. Lot

LANCASTER CO.

112 A. Dairy & Hog
77 A. Dairy
130 A. Dairy
83 A. Dairy
90 A. Beef
130 A. General
123 A. Beef & Poultry
11 A. Woodland
13 A. General

LEBANON CO.

38 A. Veal & Beef
NORTHUMBERLAND CO.
74 A. Hog

PERRY CO.

110 A. General
83 A. General
130 A. Dairy

CLINTON CO.

47 A. Woodland
Some Financing by Owners to

Qualified Buyers
CHRISTIAN M. MOSEMAN

Real Estate Broker
734 Main Street,
Akron, PA 17501
717-859-1004

With 24 hour service
or Paul Z. Musser
717-733-8107
or Paul Smith
717-933-8156
or Emma Gish
717-653-5369
or Dora A. Petrone
717-394-2689

PUPS WANTED



"Jo Jo the Dog Man"

"I would like to wish everyone a Merry Christmas!"

The Dec. 8 puppy contest was especially successful. There were so many cute pups that came in that there will be a 5-way tie for 1st place. The first 5 prizes went to faithful readers of Lancaster Farming

- | | |
|--|---|
| 1. Eli W. Nolt
Meritztown, PA - 8 Boston Terriers | 4. Lloyd D. Esbenshade
RD 7, Manheim, PA - 5 cute Toy Collies |
| 2. David Zook Beiler
107 Pond Rd. Ronks, PA - 4 extra cute mixed Spitzes | 5. Paul S. Smucker
Horseshoe Rd., Lancaster, PA - 7 extra cute & spunky Fox Terriers |
| 3. Christ K. Stoltzfus
RD 2, Newmanstown, PA - 7 nice, fat Collie puppies | |

I need good healthy, clean pups, pure & mixed breeds, 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you!

Root's Farmer's Market

RD 1 Manheim (no phone calls)
Tuesday's 5 PM - 8 PM

REAL ESTATE

For Sale - by owner - 240 acre dairy farm in Juniata Co. Financing Available 717-535-5457

REAL ESTATE

250 acre farm in Kentucky, Grade A milk parlor \$100,000 814-237-4608

REAL ESTATE

Farm for rent, 138 acres, with pipeline and silo 814-239-2593

BERK'S COUNTY

- ★ 141 Acres
- ★ 102 Tillable
- ★ 30 Tie Stalls
- ★ Feed Lot w/Bunk Feeder
- ★ 20x30 Harvestore
- ★ 14x50 Stave
- ★ 16x60 Weaver Star
- ★ 3 Car Garage

Most Unusual & Beautiful Home - You Should See!

RICH BRANDT REALTORS

2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. Price reduced to \$192,500

CENTRE COUNTY

FIVE LISTINGS - 2 MILES EAST OF REBERSBURG

30 ACRE GENERAL FARM - 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn implement shed, corn crib. Combination. All buildings new since 1970. Tillable land. 28 Acres productive woodland available. \$85,000

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland \$175,000.

10 ACRE FARMETTE - frontage on Rt. 192. Sound 2 story house, new 30' x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below. \$64,500. 45 acres of woodland also available

2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment. The barn has 27 tie stalls & an attached milkhouse. 2 silos, 12' x 50' & 10' x 35', 2 implement sheds. 2 acres of land included. Small additional acreage available. \$35,000. Adjacent to the farmette above

AMISH FARMETTE - 3 Acre Farmette, good dwelling, barn, workshop (suitable for a retail business). Buildings in good condition, joins listings above \$37,500. Ideal for a hunting camp.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sprout State Forest. Picturesque with tillable and wooded acreage; 2-story house, 2-car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. \$150,000. Owner financing.

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs. Small stream. Approximately 18 miles from State College. Complete \$97,500, 75 acres + barn only - \$68,500, 39 acres + barn only - \$52,500

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton. 83 acres productive tillable land, 9 acres pasture, 89 acres woodland. Very good 2 story frame house, large bank barn, garage, hog pen. Small stream, well & 2 springs. Joins state forest land \$180,000, owner financing

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 2 yrs. old. Spring water. \$340,000. Owner Financing.

4.5 ACRES - Located approx. 2 miles from McAlevy's Fort. Featuring a 4 room log cottage, garage/workshop in good condition. \$24,000.

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very highly productive tillable). Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams. Owner financing \$325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM - Near Turbotville. 231 acres (174 very productive tillable). Good 2 story house, bank barn, implement sheds, & like new grain drying facilities. Owner financing. \$325,000

GENERAL OR LIVESTOCK FARM - 105 acres. Farm 100 acres highly productive tillable land 3 acres pasture, excellent road frontage. 2-story house, barn & outbuildings \$185,000, owner financing.

MANY LAND PARCELS AND FARMETTES AVAILABLE.

CALL OR WRITE FOR FREE LIST.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

(Lewisburg) Larry W. Platt (717) 568-5563
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194



Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

The Professionals in Farm Real Estate Service
SALES • RENTALS • APPRAISALS • PROPERTY MGMT • DEVELOPERS • FARMS

REAL ESTATE

2 story remodeled farm house, large barn, machine shed w/hay storage, hard road frontage, 2 wells w/10-25 acres available. In Martinsburg West Virginia area. Ground is all tillable. 304-725-7147 or 304-725-9150

REAL ESTATE

For Sale - 110 acre farm, Lykens Valley, Dauphin Co. possible financing available. 717-362-9233

For Sale - 133 A dairy farm, 95 A tillable. Large house, barns, lake & pond on property. York County Delta Area. 717-394-6334

CENTRAL NEW YORK OFFICE

INCLUDES 140 HOLSTEINS with 75 milking, 4 tractors and top-notch line of equipment. 325 acre Mohawk Valley dairy grows exceptional corn & alfalfa. Surge pipeline barn milks 61, has cleaner, mow elevator, 2 silos, unloaders. Heifer barn w/cleaner. Old colonial home plus mobile home. \$330,000 complete. CALL SLOANSVILLE HEADQUARTERS: 518-875-6355.

SOUTHERN NEW YORK OFFICE

SHEEP FARM IN GRAIN AREA: 97 acres, 77 acres tillable and mostly level. 17 acres marketable timber. Very good 54x60 pole barn. Also hay & machinery barn, henhouse and corn crib. Very near energy-efficient 7 room home, modern built-in kitchen. PRICE INCLUDES: 72 sheep, diesel & gas tractors, truck, very long line of machinery (You can always sell the sheep & buy beef). All for \$89,500. Call Trumansburg office: 607-387-9303. SEVERAL GOOD OPERATING DAIRIES. PRICED RIGHT!

ST. LAWRENCE VALLEY OFFICE

HIGH-EFFICIENCY FREE STALL COMPLEX milks over 100 cows/hour in brand new 12 unit fully-automatic Trigon parlor. 74x124 free stall barn for 160 milkers is also brand new and has only the latest equipment; (2) \$8000 vacuum pumps, 2000 gallon air-controlled bulk tank, 2 lrg. unloading silos. Two 7 room homes. 350 acres in lrg. level fields, 200 tillable. High-production silos. Distress sale at \$310,000. CALL GOUVERNEUR OFFICE: 315-287-4163. FREE PHOTO BROCHURE

RIVERSIDE FARM: owner went bigger and is now selling this 160 acre farm just down the road from his new farm. Barn has 35 tie stalls and dairykool bulk tank. Home has 3-4 bedrooms, multi-applianced kitchen w/\$4000 white Woodmode cabinets, new wiring & roof. New bath w/vanity. JUST LISTED AT \$78,000 or \$55,000 with less land. Offers wanted. owner anxious. For appt. call 315-769-9380 or Gouverneur Office.

HUGE FREE DAIRY CATALOGUES. WIMPLE REALTORS HEADQUARTERS, SLOANSVILLE, N.Y. 518-875-6355

CENTRAL PENNA. FARMS

PERRY COUNTY

80 acre general. Full set buildings. Frontage on Shermans creek. Call Mr. Bitting.

CUMBERLAND COUNTY

212 acre dairy. 75 cow-loose housing, 3 silos, mod. stone house. Call Mr. Niesley.

144 acre Beef. New barn, brick house, creek ftg., secluded. Call Mr. Niesley.

33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

FRANKLIN COUNTY

170 acre limestone dairy, 18 ties, 2 silos. Call Mr. Crawford.

JUNIATA COUNTY

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

5½ acres timber, ½ hard wood, ½ Christmas trees. Call Mr. Bitting.

MIFFLIN COUNTY

118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.



JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

110ga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3683. Call 717-724-3853. evenings and weekends.

For Sale by owner. 240 Acre farm in Juniata Co. Call 717-436-8309. After 5 PM

FOR SALE BY OWNER: 60 acre Berks County Farm. Up to date poultry house for 35,000 layers (now on contract). Also good horse facilities for the serious horse breeder. Farm house, 2 mobile homes, 2 wells, stream, quiet rural setting. Only serious inquiries. No brokers. \$390,000. (215) 562-7776.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

For Sale - Perry County, 1 to 8 acre woodlots, approved. PH: 717-438-3115.

Nice little 58 acre farm for sale in Juniata Co. 717-527-4093.

North Baltimore Co. 100 acre farm with southern exposure, 65% tillable, has large barn and silo and outbuildings, some financing available with possible MD farm preservation participation. \$2000 per acre. More land also available 301-343-0713

UPPER BUCKS COUNTY

33 acre farm - Industrial/Commercial zoning - convenient to Quakertown Turnpike exit and Route 309. Owner may consider financing or property trade-in. Brk home and bank barn in good condition. \$199,000.00.

3 Bedroom Farmhouse and Barn - Circa 1842 in good condition. Situated on 11+ Industrial zoned acres. Convenient to main arteries. Property adjoins that of Quakertown Airport. \$115,000.00.

Century 21

Ira D. Swartz Real Estate
1540 West Broad Street
Quakertown, Pa. 18951
215-536-5757

YORK COUNTY

CHICKEN BROILER OPERATION

95,000 Birds

44x400 2 level house

40x300 2 level House

36x80 2 level Barn

Garage with Generator

FANTASTIC HOME

OWNER FINANCING AVAILABLE

\$500,000.00

Call for details

OPEN ACREAGE IN YORK COUNTY

80 acres tillable

5 acres wooded

Extensive Road Frontage

Public Sewer along Property

PART OWNER FINANCING AVAILABLE

\$2,200.00 per Acre

YORK COUNTY REALTY

757-4824

PENNA FARMS CUMBERLAND CO.

158 A. DAIRY FARM - (will sell less acreage) limestone soil, 150 acres tillable, 8 room log and frame dwelling, bank barn w/parlor, milkers and tank. Frontage on 2 roads with 11 approved lots. Price adjusted.

New Listing.

80 A. HOG AND BEEF FARM, level murrill soil, all open land, frame house, bank barn, implement storage, road frontage with beautiful setting.

HUNTINGDON CO.

172 A. GENERAL Modern 7 room house, pond, barn - near Raystown Lake. PRICE ADJUSTED.

CHARMING LOCATION - 38 acre hog and beef or horse lovers delight. 30 acres tillable, farrowing pens with liquid manure storage, machine storage, 2 car garage, 8 room frame dwelling, nice road frontage.

"NO OBLIGATION APPRAISAL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS

139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

REAL ESTATE

tillable acres in
Lancaster area. Mostly
limestone soil. Dairy
farm for 56 cows. Large
house convenient
for horse farm,
bred beef cattle or
barn. You can't find
better farm for any
price. Write Lancaster
Farming P.O. Box 366 K-
Litz, PA 17543

2 acre dairy farm, Blair
Co., 1 mi. from Mar-
burg 814-793-2339

2 acre dairy farm in
Lancaster Co., 35 acres in
total, 45 acres corn
ground in chiseled for '82,
2 acres for lime in '81, 2
barns, bulk milk tank,
1300 per acre, no
fencing. No Sunday
calls. 717-374-9151

A single residential
building site, has woods,
stream, pond, open land.
Lancaster area.
Fencing available. 215-
42591

Large farm family in need
of dairy farm to rent early
spring. Write Lancaster
Farming, P.O. Box 366 R-
Litz, PA 17543

**DOG FARM NEAR
LANCASTER COUNTY**
Completely modernized
barn, hot water,
oil and oil heat, 2 1/2
bathrooms, 4 bedrooms,
high production Chester
Co. Call All County
brokers 215-775-4800.

1812 eight-room
farmhouse, 2 barns,
stalls, cattle stan-
chions 3+ acres. Other
bldg. water, electricity.
\$55,000, Sturbridge,
Pa. 617-885-9873 885-
9873

Broiler farm
100,000 capacity, good
investment \$50,000.
Fully automated.
Mr. Smith, York Co.
717-872

For Sale - 150 Acre dairy
farm, 5 miles East of
Lancaster at Strasstown,
Lancaster County. Large level
pasture fields, dairy barn
with 49 stanchions, 800
ton bulk tank, 2
barns, pond, meadow,
drier with metal
roof, new 22 x 65 silo, 3
barn silos, large pole
barn for heifers and
calves, new garage,
barn house plus bath,
furnace \$2,000 per
acre. Phone 215-678-
1274

FREE CATALOG! Describ-
ing numerous Penn-
sylvania farms, camps,
trage tracts, cottages,
homes and businesses.
Dept. LF-12, WEST
REAL ESTATE AGENCY,
INC., 5528 William Flynn
Boulevard, Gibsonia, Pa.
15110

**THE PRICE
IS RIGHT!**
Troy, Pa. School District,
3 acre farm with creek
frontage, 10-room & bath
home, 2 car garage, barn
with 22 stanchions,
barn house, maple
barn, possible seller
financing terms. No.
101 WEST REAL
ESTATE AGENCY, INC.,
12 Canton St.,
Troy, Pa. 16947, Phone.
(717) 297-4046 or
297-2777

**BUSINESS
LOCATION**
Commercial-industrial
property at Troy, Pa.,
formerly used by John
Deere Dealership, 3
bldg. complex on ap-
prox. 2 acres; modern
bldgs., prime location.
\$250,000 NO B-7867.
WEST REAL ESTATE
AGENCY, INC. Office, 12
Canton St., Troy, Pa.
16947, Phone. (717)
297-4046 or 297-2777.

RAYUGA CO., N.Y.
111 acre farm, 70
acres tillable, good
lime soils, 2
barns 35x65 barn
with 40x80 addition,
liquid manure
system with lagoon
for hogs. Could be
up for other
livestock. New 40x40
barn shed, old 7
room house.
\$115,000 owner
315-252-0521

CATALOG OF FARMS
yours FREE.....

"Farms, Businesses, small town
residences, retirement properties and
investment opportunities in AL, AR, FL,
IA, IL, IN, KS, MI, MN, MO, NE, OK, TN,
LA, TX and more Catalog #56

AMERICAN FARM DIGEST
3546 Watson Rd.
St. Louis, MO 63139
1-800-325-9943

NY State Dairy Farm

125 acre farm, over 60 good tillable
acres, barn holds 35 cows plus 7 heifer
stanchions plus room for started calves,
bulk tank, barn cleaner, two 14x30 silos,
3 bedroom house with 1 1/2 baths, oil and
wood combination furnace, plus other
buildings for machinery, located on good
road with good milk market. Priced at
\$75,000 for quick sale, \$30,000
assumable mortgage at 10% to reliable
party. A real nice farm, must be seen!
You won't find any like it for this price.

Mel Manasse

Licensed Real Estate Broker
Whitney Point, NY
607-692-4540

CUMBERLAND COUNTY

122 Acre Limestone farm - 115 Acres are
tillable. 20'x70' Fickes Silo with
unloader & bunk feeder for steers.
Stream & lots of road frontage. Brick &
Stone two family house. Brick part has 3
bedrooms & is in excellent condition. The
stone part has 4 bedrooms & 7
fireplaces. Ideal House for Restoration!
Located just west of Carlisle on Route
641. Priced at \$349,000.

Owner will consider selling the home-
ste with less acreage at a lesser price!
Call for details- 717-665-2401 or 717-
397-8174.

PENN REALTY INC.

112 S. Main Street
Manheim, Pa. 17545

CHESTER COUNTY
WESTERN SECTION

65 acre farm mostly fertile tillable land
with 4 bedroom stone home. 3 room
tenant house. Large bank barn. Silo.
Stream. 2 ponds. Home has L.R., D.R.,
Family size kitchen with walk-in fireplace.
124 acre operating dairy farm with 82
stanchion barn. 3 silos with unloaders,
gutter cleaners, pipeline milker, 1200
gal. bulk tank. Main house is stone with 2
living units. Modern 3 bedroom tenant
house. Call for details.

PORTER & PAINTER

Realtors
Exton, Pa 363-7700

Endless
Mountain
Real Estate
Co.

Lake Lot Property.
On Sugar Branch Lake Estates in Tioga
County Pa. 3 bedroom home extra large
living area. 8x24 Sundeck. Lovely Spot
Folks! #219 \$40,000

Good Hunting Ground
25 acres all woods trout stream rough
cabin lots of white tail deer turkeys &
small game The Price is Right! \$16,000.
#202

RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

AVAILABLE
FAMILY OPERATED
DAIRY FARMS

Throughout Central & Northeastern
Pennsylvania.

For Information Call:
Carl Diller

KINGSWAY REALTY

RE Salesman & Auctioneer
717-569-8701, 656-6717, 464-2233

Beautiful 265 acre dairy farm in
northern NY. 200 acres tillable. Pipeline
milking system. 90 milkers plus young
stock. Excellent full line of harvesting
equipment. 2, 20x70 Harvestore silos. 1,
20x27 Harvestore grain unit. 1, 16x48
concrete silo. Modern 5 bedroom home.
Maple sugar bush and equipment for
2000 taps included. Must be seen to be
appreciated. Pictures available on
request. Owner will not finance.
\$485,000 firm. Please, qualified buyers
only.

Write or Call:

Kermit Lehman

Route 1 Box 77
Lowville, NY 13367

For Lease

Northwest NJ Dairy Farm

One of Sussex Co. better dairy farms for
lease. Ideal for family operation, 460
acres, 250 tillable, 52 lg. milking stan-
chions, room for 100 head young stock,
excellent lg. barn, holds 30,000 bales
hay, barn cleaner, power generator, two
60x16 silos, storage barn, lg. implement
shed, 1 lg. 4 bedroom home and 1 small 2
bedroom home, both well insulated with
hot water heat. It may be possible for
right lg. family operator to take a
management position on an adjoining
beef farm. Terms can be arranged.
Available Apr. 1, 1982. Arrangements
may be made for earlier occupancy.

Send reply to

Sunnyvale Farms
84 Florence Place
Elmwood, NJ 07407

NORTHUMBERLAND COUNTY

Interest rates too high?
Not on these two farms!
Owner financing best buys today.

85 acres, \$93,500, 7 room house, oil
heat, 4 bay barn, other buildings, stream,
road frontage, 12 1/2 percent. You can
afford.

117 acres, 8 room house with oil heat, 4
bay barn, road frontage, creek frontage.
Great terms. 25 percent down, 12 1/2 per-
cent interest. Now is the time. \$145,000.

Ask for Jerry Frey 717-898-8441



REAL ESTATE

REAL ESTATE

PRETTY SETTING

250 acre operating farm, 165 tillable.
Barn ties 96 head, pipeline, 3 silos,
machinery storage barn, all produce.
Very nice 3 bedroom house. Offers alot
for the price. \$210,000. Owner financing
available.

CHRISTMAS TREES

Buy this farm and have one for each year.
Excellent 350 acre farm w/150 tillable.
Barn ties 100 head, pipeline, 1000 gal.
bulk tank, 2 large silos, all produce. 2
houses good condition. Assumable
mortgage. \$165,000.

Send for free property list

McKEE REALTY
Roger McKee Broker

Main Street.
Cincinnati, NY 13040
607-863-4181

Endless
Mountain
Real Estate
Co.

Large Stone Quarry in Tioga County, Pa.

Estimate from Geological Information

150,000 Ton of #1 aggregate, approved
both State & Federal.
125,000 ton of Veneer Stone, 100,000
yards of Flagstone, and 750,000 Ton of
Building Stone located on 9.8 acres #217
\$25,000.

RD 1 Box 203-A
Covington, PA 16917
717-659-5684

Richard Chamberlain, Manager
Home Ph: 717-549-4173

THE FAMILY FARM
IS THE BACKBONE
OF AGRICULTURE

Following 6 farms
w/poss. owner financing

28 Ac. gen. nice setting, all till. \$69,000
108 Ac. gen. stream, Danville \$97,000
126 Ac., potato, stream, Col. Co.
\$139,900.

Starter, nice, dairy Juniata \$155,000
128 Ac. dairy Northumberland \$200,000
103 Ac. orchard setup Snyder \$275,000
BRADFORD CO.

Starter dairy, 62 stalls, 2 silos,
\$120,000.

LACNASSTER CO.

18 Ac. orchard, storage, \$61,200.

JUNIATA CO.

100 Ac. gen. farmer's farm \$149,900

NORTHUMBERLAND CO.

100 Ac. gen., fine bldgs. \$225,000

105 Ac. gen. steer \$133,000

10 Ac. veal set-up, orchard \$50,000

HUNTINGDON CO.

178 Ac. near Raystown Lake \$199,000

CHESTER CO.

242 Ac. productive, nice bldgs.
\$1,200,000

ADAMS CO.

114 Ac. beef, hog, stone house.
\$227,000

Several Tracts of Woodland would
make nice retreat Snyder & Mifflin Co.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717

ADAMS COUNTY

Dairy & layer farm, large brick 6 bedroom home, dairy barn, silo, 33,400 bird layer house, \$310,000. Will sell separately, layer house & 20 acres for \$110,000, dairy operation & 70 acres for \$175,000. L-3162-2 Rodgers.

KEY REAL ESTATE

717-632-6400
717-334-8144
717-846-4810

Farm Price Greatly Reduced, plus Seller May Finance at 9 1/2% Interest

Truly a bargain at this price and terms. Farm includes: 20-170 acres, as many as you need, 3 year old pullet house, hog barn, large farmhouse in good cond. No reasonable offer refused. Call Bill Snader or Jason Rutter at

DERRY REALTY CO.

717-273-9351

Top selection of dairy and other farms in Central N.Y.



Lists Available Call

Homestead Realty

Aurysville Rd.
Rd 1 Fultonville,
N.Y. 12072

518-922-6301

Today it takes two...PARTNERS and YOU

WESTERN BERKS COUNTY FARM

64 acre horse or beef farm, 45 acres tillable, borders Tulpehocken Creek, 30'x60' bank barn & 6 room house. \$137,000.



RONALD W. KRALL REAL ESTATE PARTNERS

717-866-2131
ROUTE 422-MYERSTOWN
BRANCH OFFICE
QUENTIN RD., LEBANON
717-273-1631
MEMBER LEBANON CO. & BERKS CO. MULTI-LIST
Each office independently owned & operated

BERKS COUNTY FARM FOR SALE

150 acres at R.D. #1, Myerstown, 85 acres of cropland in a high state of cultivation presently being tilled for small grains and soybeans. This would be an ideal farm to irrigate because it has 2800 ft. of frontage along the Swatara Creek. The balance of the land is hardwoods and meadowland. 2 1/2 story farmhouse, summerhouse, old barn which needs repairs, hard road frontage. \$205,000. Call Nelson Ebersole, 717-867-4487.

SUBURBAN REALTY

30 W. Main St.
Annville, PA 17003
717-273-9358

NEAR ELIZABETHTOWN, LANCASTER COUNTY FARMS WITH OWNER FINANCING POSSIBLE

11 acre horse and 13,300 layer operation, fine old 3 bedroom farm house.

17.5 acres - Gentleman's horse farm, 4 bedrooms, 2 bath, brick and frame home.

103 acre general farm - Large barn and tobacco shed, stone and frame home only \$220,000. call Harry Allen for details 367-3365.



We'll cover it all for you.

REALTY WORLD
Olweiler Real Estate, Inc.

Members - Greater Lancaster Board of Realtors - Lancaster Multiple Listing Service

218 South Market St.
Elizabethtown, PA 17022
58 W. Main St., Mount Joy
367-5134 653-8103 944-1905

SEALSTOR

Sales manager to train and supervise field sales force engaged in selling bottom unloading silos, liquid manure systems & farm automation. Salary, expenses & commission.

We are now interviewing field sales people for a few open sales territories.

Call or Write for Confidential Interview.

Russell Darkes Jr.
Penn Dutch Farm Systems, Inc.
1730 Highway 72 N
Lebanon, PA 17042
717-273-9324

62± acre general farm, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable, 15 pasture, 10 wooded. Possible owner financing, 25% down, 12% interest, \$79,000.

Ringtown Valley, 176 acres, lg. gravity water supply to house, barn and pond, vegetable or crop farm, 88 tillable, balance wooded, bank barn, 7 bedroom house, possible owner financing at 10%. \$150,000.

Lykens Valley 160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo stream borders, large 6 bedroom home, secluded \$350,000.

Plain Acreage

49 acres secluded but near I-81. 15 tillable, balance wooded, some timber, excellent deer hunting, possible terms at 12% interest. \$39,000

PETER B.

CORTELYOU

Real Estate
717-758-9177

ST. LAWRENCE VALLEY

OWNER RETIRING...165 Ac. 100 T. T Barn, Silo, 2 Springs, Borders creek. House in excellent condition, All Equipment included for dairy farming. Price \$115,500. Owner financing possible.

\$140,000...130 Ac. Equipped dairy farm, close to college town. Owner financing.

725 Acres, large flat meadows, suitable for haying, other crops, development, several acres of large mixed hardwood & pine, borders creek. Can be divided. Small downpayment.

LODGE... Excellent hunting, fishing in area. Lodge is in excellent condition, gas lights, spring water. \$35,000.

FOURNIER REAL ESTATE

Gouverneur N.Y. 13642
315-287-4065

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking. Neffsville, Lancaster Co., 717-569-1170.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

FARM FOR SALE

105 acres. All tillable. Includes house, dairy barn, silo: Delta, PA (York Co. south of Rt. 372).
Owner
305-781-1760
216-221-9090

157 ACRES all open, complete modern beef cattle operation. Hagerstown soil, high fertility, Ph 7.2. Macadam road frontage, 2 dwellings, two story, good condition. 40x90 two story barn with automatic bunk feeders. Modern 40x80 feet breeding barn with large oak fence corrals and holding area. Three concrete stave silos, concrete block machine sheds and storage buildings. Good fencing. Asking \$285,000 - seller financing.

103 ACRES level all open, high fertility, Hagerstown soil, Ph 6.8, macadam road frontage, two story nine room dwelling, 1800 sq. ft., two story 45x84 wood bank barn, 18x55 Ribstone silo with unloader, storage and other buildings. Present use beef, could be converted to dairy. Located 1/4 mile from above described farm. Asking \$195,000 - seller financing

FOR INFORMATION CONTACT:

Miles Clevenstine
814-383-2755

REAL ESTATE CENTRE

2212 NORTHATHERTON ST.
STATE COLLEGE, PA 16801
(814) 234-1150

Richard L. Evelhoch,
Broker

Do You Want to Farm?

Then allow us to help you reach your goal. We can do this through several of our listings which have excellent owner financing.

100% financing on 139 acre dairy #1 125 acre limestone general farm in Cumberland County. 110 tillable - 8 miles from Mennonite Church.

#2 Beautiful dairy with 60 stanchions and pipeline - barn 9 years old. 237 acres-180 tillable. Several equipment sheds and 20x70 silo. A real turn key operation in Union County.

#3 Open acreage in Lancaster County - 46 acres in high state of cultivation. Also another tract of 40 acres.

#4 Large fruit farm in Cumberland County with the possibility of five 10 acre lots.

#5 97 acres of woodland with Campsites and Operating Grist Mill. 10% owner financing.

Call for more information on these and other properties.
FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum
Carlisle
717-776-3967
Mahlon Oberholtzer
Lancaster
717-392-1177
Broker-J. Irvin Denlinger
717-898-8962

See L.B. PHILLIPS REALTOR

155 S. HANOVER ST. Carlisle, Pa.

717-243-5102

CUMBERLAND COUNTY FARMS

95 acres, barn, garage, hog pen, milk house, silo, wagon shed, implement shed & 5 bedroom frame house. \$102,500.

84 acres. Limestone soil, 2 story brick colonial house. Excellent location with additional acreage available for purchase or lease. \$145,000.

126 acres. Present dairy operation. 27 tie stall barn with drinking cups, Fickes silo, garage, 300 gal. Girton tank. All buildings in excellent condition. Modern 2 story home, pond and creek frontage and 85 acres are tillable. Farm is presently under excellent management. \$200,000

79 acres. Limestone soil, barn, silo, all buildings in excellent condition. 5 bedroom frame and aluminum house. Additional ground available. \$240,000.

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell

Priced To Sell

NEW FARM LISTING - 180 acre farm just west of Tioga County line. Approx. 100 tillable. Good potato ground. 60 acres pasture. 52 cow barn. Two 18x60 silos and a 16x40. Pipeline milker. Nice 3 BRrm ranch house. Approx. \$135,000 of existing FHA money. Priced to sell at \$160,000 PH: 717-662-2138 M-211

HUNTERS DREAM - 80 acres mostly wooded in the heart of Tioga Co. Great hunting for deer, turkey and grouse. Owner terms 20% down 11% interest 20 years with 10 Yr. balloon. Only \$34,000 w-564 PH: 717-724-5921

90 ACRE FARM - 54 acre apple trees, business opportunities for an aggressive enterprise. House needs some remodeling. Orchard equipment in good condition. For the young tiger. Only \$112,000 W-592.

CALL OR WRITE US FOR OUR FREE LISTS!

THE Real Estate

Offices: Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave. - 724-5921
WESTFIELD, 108 Main St. - 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138

OUR #1 AIM IS SERVICE

Lancaster Co. PA Drumore Twp.

75 Acre dairy farm, 32 comfort stalls, 550 gal. milk tank, 2 cement silos, buildings in top notch condition, land in high state of cultivation.

Colerain Twp.

23 Acres w/17 acres tillable, original house remodeled with new addition. Other buildings in good condition.

Fawn Grove York Co., PA

196 acre dairy operation; 130 tillable, 40 pasture, balance woodland, loose housing, milk parlor, 3 silos, buildings in, very good condition.

Cecil Co., MD

113 acre general farm, 16 acres in Lancaster Co., PA, house, barn, milk house & silo, level land.

Call our office for a tour of these farms and others.

Theodore B. Pyle Realtor

100 East State Street, Quarryville, PA 17566
(717) 786-1020

FARMS & LAND

F1-31 186 acre general farm in Perry Co. 90 acres tillable 58 acres pasture. Remodeled 4 BR stone house w/center hall. Spring \$279,500 Possible owner financing.

F1-33 DAIRY FARM, 100 acres, 60 tillable Snyder Co. Single 8 herringbone milking parlor Good buildings 70 free stalls. 800 gallon bulk tank Presently milking 40 cows Very nice 4 bedroom home. \$170,000

F1-26 Perry County, 180 acre general farm Presently beef/calf operation. 4 bedroom 1 1/2 bath house, owner financing available on \$100,000. Full price is only \$221,000.

LO-77 Wooded tracts in Juniata Co. Near McAlisterville. 10A & up. Underground utilities. \$1200/A. Less for larger tracts. Generous owner financing. Cash discount. Call Don.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. \$69,000.

Other Farms Also Available

Bowen Agency inc.

**REALTORS®**

22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"

717-374-2165

Evenings call Realtor Assoc.

Phil Graybill, GRI
Snyder/Union
717-374-8038

Don Bashore
Juniata/Perry
717-436-9213

REAL ESTATE

Franklin County - 77 A.
 ge, barn, 60 A.
 ble. Asking \$125,000.
 er farms and land.
VanCleve
Real Estate
717-392-3032

FARM FOR SALE
SNYDER CO. PA.

A (approx.) 60 A.
 ble 55 A good timber.
 e meadow w/stream.
 e 2-story 2 family
 e early possession.
 er financing possible.
 717-658-3352 or
 write:
 RD 2 Box 50
 McClure, PA 17841

SOUTHERN
LANCASTER COUNTY

45 acre dairy farm,
 85 tillable acres.
 55 stall milking barn,
 free stall barn, silos,
 and other accessory
 buildings

SOUTHERN
CHESTER COUNTY

160 acre dairy farm
 featuring 110 level
 tillable acres milking
 barn free stall barn,
 stone and frame
 home in ideal
 location near Not-
 tingham

SOUTHERN
YORK COUNTY

139 acre land of
 which 98 are tillable.
 situated near
 Norman Wood
 Bridge

FREDD
-EDDY
Realty, Inc.

Quarryville, PA
 717/786-3356

64 Acres, Lancaster Co.

64-acre dairy and beef farm, located in
 Warwick Twp., approx. 56½ acres
 tillable, 7½ acres meadow, type soil -
 limestone, terrain mostly level to very
 gentle slope, 2 story frame bank barn
 with attached steer and corn barn, 2½
 story double frame dwelling and 4 car
 detached garage, both very good con-
 dition. Low interest owner financing.

Horning Farm Agency

Main Street
 Morgantown, PA
 215-286-5183

SOUTHERN LANCASTER COUNTY: 16 acres, 15
 tillable, renovated stone farmhouse, 2 car garage,
 frame shed 20'x38'. Would make ideal truck farm.
LANCASTER, CHESTER COUNTY BORDER: 390
 acres prime farmland, 80% tillable. Would make 5
 or 6 nice Amish farms. Seller financing.

SOUTHERN CHESTER COUNTY: 171 acres
 operating dairy farm, bank barn with 50 stanchion
 cowstable, pipeline, 12'x50' concrete silo, four
 bedroom house.

CHESTER COUNTY: 88-acre steer and hog farm,
 large bank barn, steer barn, 10'x50' and 20'x80'
 concrete silos. Five bedroom house.

CHESTER COUNTY: 228 acre dairy farm, 80%
 tillable, 2 houses, one barn. Near New Amish
 Octorara School. Seller financing

SOUTHERN CHESTER COUNTY: Oxford area, 5+
 acres, good bank barn, small stables, stream on
 property. You couldn't replace the barn for the
 asking price.

RISEING SUN, MARYLAND: 84 acre dairy farm, 2
 houses, bank barn with 38 comfort stalls, great
 land. Seller financing.

RISEING SUN, MARYLAND: Dairy farmers...if you
 could build yourself a farm from the bottom up, you
 couldn't build one much nicer than this 180 acre
 CECIL COUNTY 5 STAR FARM

* The land lays about as nice as it could.

* The barn is a modern work center with double 6
 milk parlor, 4000 gal. bulk storage tank, badger
 ram manure system.

* Silos (1) 20'x60' Harvestore (1) 20'x70' Crop-
 store, (1) 20'x60' concrete stave

* Gracious family living in the completely renovat-
 ed, maintenance free farmhouse with in-ground
 swimming pool.

* Located within a short drive of the best goose
 hunting and in-lake fishing on the East Coast.
 This would be an outstanding farm in any state.

HAYES OXFORD, INC.

48 South Third St., P.O. Box 118
 Oxford, PA 19363
 215-932-3092 215-869-3440

REAL ESTATE

Young Christian
 couple seeking
 house, barn and
 pasture for 35 cows.

Write to
 Lancaster Farming,
 P.O. Box 366 R-83
 Lititz, PA 17543

REAL ESTATE

Do You Really Want
 To Sell Your Farm?
 Contact
VanCleve Real Estate
 Specializing in Farms
 & Land
 717-392-3032

SOUTHERN CHESTER COUNTY

47.3 Acre Farm

Featuring a two story farmhouse of stone
 and stucco construction, this farm has
 great potential with 1297 feet of road
 frontage and large pond. The property
 also includes a stone bank barn con-
 verted from dairy to horses and paddock
 and fenced pasture. The large main
 house originated in the 1790's as a log
 home. Also of interest is a 2 bedroom
 tenant house, a studio apartment for
 workman and 3 car garage with
 workshop. Conveniently located in
 Southern Chester County, \$335,000.

55 ± Acres

Purchase an old colonial with 3 acres for
 \$75,000 or with 49 acres ± for only
 \$3,000/acre. There is approximately 40
 tillable acres - 10 acres of pasture plus a
 40x60 cow barn with water and electric.
 Also included is a carriage house and a
 corn crib. Best buy on land in Southern
 Chester County. Owner financing
 available to qualified buyer.

85 Acres

General farm land with some woodland,
 no buildings, over 2000' road frontage,
 \$245,000. Ask for Anita Hoopes-Carr.

64 Acres

with 50 acres tillable ground, the rest is
 woodland, small stream, more than
 1700' of road frontage, \$185,000.

21 Acres

No buildings, ideal place to start your
 own mini farm, \$60,000.

10 Acres at \$2,900/acre



BOB O'NEILL
& ASSOC.
 U.S. Route 1 at
 Longwood
 Kennett Square
 388-1405

MAILBOX
MARKET
Advertising and
SUBSCRIPTION
FORM

will be found
 on Page B31

REAL ESTATE

REAL ESTATE

LANCASTER COUNTY FARMS

#1 - 77 Acre Operating Dairy Farm

#2 - 128 Acre Dairy Farm

#3 - 218 Acre Dairy Farm

#4 - 188 Acre Crop and Beef Farm

**#5 - 100 acres of farm land without
 buildings**

#6 - 53 Acre Dairy Farm

Below market interest rates available.

**Call for details on these and others:
 in Lancaster and York Counties.**

Century 21

EMORY D. WAGNER CO., REALTORS

215 W. Fourth Street
 Quarryville, Pennsylvania 17566
 (717) 786-2131



DAUPHIN COUNTY

86 acre dairy farm (near Hershey), very good soil, 801,
 pasture, stream, features new 100 cow free stall w/center
 auto bunk feeder & drive thru feeding 20x70 conc. silo
 w/unloader & conveyor system, 2 story bank barn w/25 tie
 stalls, also heifer & maternity area, 800 & 400 gal. bulk
 tanks, 2 car garage & shop, corn crib, machine shed, lovely
 2½ story home features large kitchen, formal DR, LR &
 playroom, 3 bdrms & bath, 2 open porches. Call for details
 \$360,000.

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home
 w/modern kitchen, center stairs, 5 rooms with livingroom
 fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2
 machine sheds, corn crib, silo & much more. A very lovely
 setting. \$385,000 Reduced to \$300,000.

BRADFORD COUNTY

NEW

81 acre dairy farm with lovely frame colonial with 10 rooms
 & bath, 26 stall barn, barn cleaner, 2 story garage & out
 buildings, \$66,000.

4 Acres w/lovely 2 story home, kitchen, DR, LR, 4 BR &
 bath, fruit & nut trees. Asking \$33,300

NORTHUMBERLAND CO.

158 acre 971, General Farm, lovely 4 bedroom home,
 kitchen, living room, dining room & bath, 2 story barn, silo
 & outbuildings. Also 2nd home w/bat in kitchen, living
 room, 2 bedrooms & bath, all for \$158,000 #342

OTHER FARMS AVAILABLE

Please Call and Tell Us Your Preference

PAUL M. LONGACRE

RE 100, Heretford, PA 18056

Ph: 215-679-5919

450 acre dairy farm, 365 acres tillable. Featuring 154
 freestall barn with 2 bunk feeder units, double 8 Herr-
 ington parlor with sick room, 60 silos & milkhouse
 with two 1000 gal tanks. The 60 silos and one 20 x
 55 silo with unloaders. 245 pole styled dry cow &
 heifer barn with 2 through feeding. Lovely 2½ story
 home with 11 rooms & 2 baths, 2 ponds. All this & much
 more for \$490,000. Call for details. #311

180 acre, 150 tillable, level land to gentle rolling, beautiful
 big new rancher w/fireplace, barn remodeled w/new addi-
 tion, 58 tie stalls, could easily add 16 stalls, bulk tank, dum-
 ping station, 18x65 concrete stave silo w/unloader, heifer
 barn & machinery shed. Located on macadam road. Sets
 very nice, must be seen to appreciate. All for \$225,000.
 Cattle & machinery optional. Additional acreage available
 for rent.

SUSQUEHANNA COUNTY

140-acre dairy farm, 95 tillable, gently rolling to almost
 level. A picture clean farm operation with 42 stanchions,
 stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed
 spreader pit. Two 20 x 40 concrete stave silos with
 unloaders, 650 gal. bulk tank, 2 large poll sheds for
 machinery & heifers, frame 8 room 2½ story house,
 modern kitchen, 1½ baths, carport & patio. Must be seen
 to appreciate. \$225,000 #324.

NEW

437 acre dairy farm, 50 stall barn with pipeline, bulk tank,
 barn cleaner & 18x50, 14x50 & 12x40 silos. Heifer barn &
 machinery shed, shop & garage. Lovely stone & frame Col-
 onial home with modern kitchen, 8 rooms & 2 baths. Also
 new second home with 5 rooms & bath. Call for details
 \$325,000.

74 acres, 67 1, features 106 comfort stall-barn, 1000 gal
 tank, pipeline, 89 tree stall heifer barn, 30x70 concrete
 silo, solid 2½ story 4 bedroom home w/bath. Asking
 \$165,000. Also renting additional acres

BUCKS COUNTY - NEW

100 acres of level Incum Bucks County soil, 951,
 features lovely 2 story double home w/11 rooms & 2 baths
 2 story bank barn w/50 stalls 1 mi. road frontage. A good
 operating dairy farm \$360,000

Lovely 2 story colonial home w/4 bedrooms 2 baths, 2 car
 attached garage, beautiful landscaping 5 acres partly
 wooded picturesque setting \$129,900. Additional acreage
 available.

145 Acre jug milk farm superb facilities, lg. store & sales
 area, 3500 gal. milk holding capacity, modern processing
 facility including ice cream making, 185 cow free stall, 5 lg.
 silos, lg. heifer facility, 2 double houses & 1 single-home,
 shop, storage sheds, outbuildings, 200 cows, 250 heifers,
 full line of machinery additional rental acreage available.
 Pays for itself. Call for details. \$1,500,000.

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen,
 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box
 stalls, 8 stall Herringbone parlor, auto. feeders, 20x60 con-
 crete silo w/unloader, 40x100 pole building, bank barn &
 much more. \$180,000 Reduced to \$170,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame
 colonial double home, 11 rooms, 2 baths, 2 kitchens, all in
 good condition. Large barn set up for 10,000 broilers, trout
 stream on property, good hunting & fishing area.
 \$130,000. Reduced to \$120,000 #307.

188 Ac. general farm w/68 A hard timber, good 4 bedroom
 home w/kitchen, LR & Bath, very nice laying ground & much
 more \$175,000

JUNIATA COUNTY

REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½
 story 8 room farmhouse with country kitchen, 3 floor
 15,000 bird broiler house, 100 x 80 bank barn & 30 acres
 box wire fencing. Concrete silo & large bunk silo, good
 ground. All for \$250,000 Reduced \$210,000. #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement
 in a very nice setting, excellent for hunting or vacation
 home, nice view, \$65,000. #283.

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank,
 several sheds & second small barn, corn crib, 2 silos &
 grain storage bins. Lovely 2 story farm house with 9 rooms
 & 1½ baths, remodeled. Slightly rolling & level good
 ground. \$225,000. make an offer, reduced \$210,000.
 #310

20 acres with small barn, pond, wooded and open ground
 Nice area. Financing Available. Asking \$45,000

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond
 2½ story home with 4 bedrooms & 2 baths, large remodel-
 ed kitchen, dining rm., & laundry 60 stall barn & 80
 freestall, milkhouse, bulk tank, large shop, new large
 machinery shed & corn crib, 14x40 concrete silo & 20x25
 trench silo. \$250,000



For a limited time: bonuses of \$1,400 to \$2,600 on John Deere row-crop tractors ... \$3,200 to \$4,000 on 40 Series 4-WD ... plus waiver of finance



Now through January 30, 1982, buy a new 2- or 4-WD tractor listed here and earn a bonus in John Deere money. After the dealer makes delivery, the bonus money will be mailed to you money you can spend for goods or service in this store.

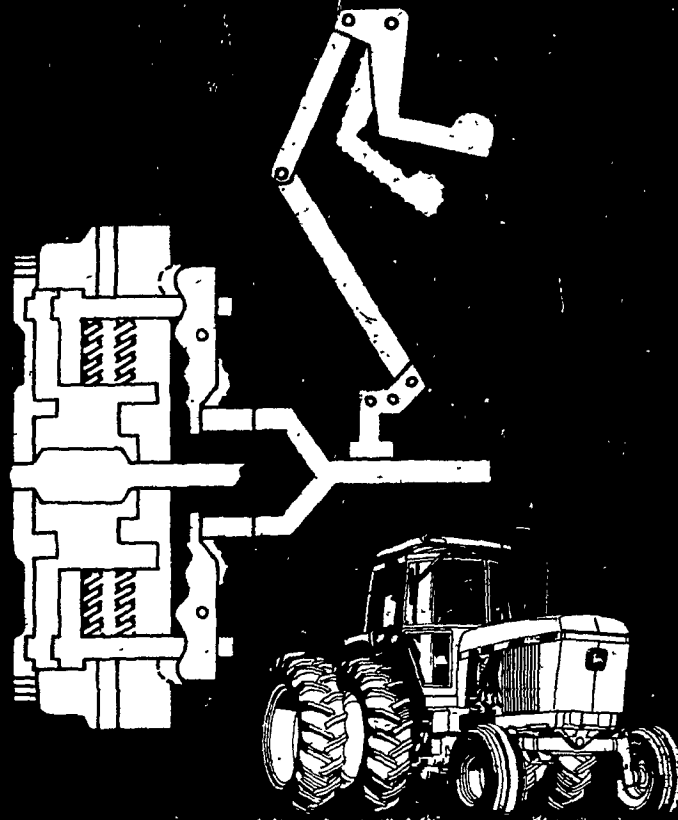
There's more. Use the new variable-rate John Deere finance plan and no finance charges will accrue on these new tractors and on new or used implements bought with them until June 1, 1982. One distinct advantage of variable-rate financing is that you can finance the tractor and implements you need now and automatically benefit from any future reduction in interest rates.

40 SERIES ROW-CROP AND 4-WHEEL-DRIVE TRACTORS

TRACTOR MODELS	BONUS IN JOHN DEERE MONEY THROUGH JANUARY 30, 1982
4040 2-WD, 90 PTO hp	\$1,400
4240 2-WD, 110 PTO hp	\$1,600
4440 2-WD, 130 PTO hp	\$1,800
4640 2-WD, 155 PTO hp	\$2,200
4840 2-WD, 180 PTO hp	\$2,600
8440 4-WD, 215 eng. hp	\$3,200
8640 4-WD, 275 eng. hp	\$4,000

*This finance offer may be withdrawn at any time

John Deere Perma-Clutch™ has been preventing clutch problems for 10 years



It used to be that clutches were a real problem on big tractors. It's easy to see why. The engine would say "go" and tough soil would say "no." The argument flared up every time you engaged the clutch.

Then about 10 years ago John Deere decided to end all that by eliminating the source of the problem — excess heat. The solution was Perma-Clutch, a true wet clutch that uses cooled and filtered hydraulic oil to live up to its name. Oil is pumped through multiple wet disks anytime the clutch is engaged or being engaged. It sounds simple, but what a benefit it is! Clutch

replacements can be expensive. But the delay in field work can be even more costly.

But that's not the only benefit from Perma-Clutch. Because it's hydraulically engaged, you never have to adjust it and you never have to lubricate the clutch bearing.

Stop by the store. We'll tell you about more problems John Deere has already solved.



Year after year, a John Deere seems newer

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

ADAMSTOWN EQUIPMENT INC.
Mohnton R.D. 2, PA
(near Adamstown)
215-484-4391

CHAPMAN EQUIPMENT CENTER
Agway Inc.
Chapman, PA
215-398-2553

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241

OXFORD GREENLINE
Oxford, PA
215-932-2753
215-932-2754

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

FOSTER EQUIPMENT SALES
Elmer, NJ
609-769-1535

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

ROBERT G. HAMPTON, INC.
Shiloh, NJ
609-451-9520

The Long Green Line™



Nothing runs like a Deere®

TAM SERVICES INC.
RD 4 Box 77A
Gettysburg, PA
717-334-9148
717-334-3710

I.G. SALES
Silverdale, PA
215-257-5136

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-2011

NEUHAUS'ES
York, PA
717-428-1953

LANDIS BROS. INC.
Lancaster, PA
717-291-1046

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

SHOTZBERGER'S EQUIPMENT
Elm, PA
717-665-2141

TOBIAS EQUIPMENT CO., INC.
Halifax, PA
717-362-3132

WENGER IMPLEMENT, INC.
The Buck-Quarryville, PA
717-284-4141

WOODHULL EQUIPMENT, INC.
Medford, NJ
609-654-2011

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA
717-328-2244

DON CHESKE BROTHERS, INC.
Hackettstown, NJ
201-852-4488

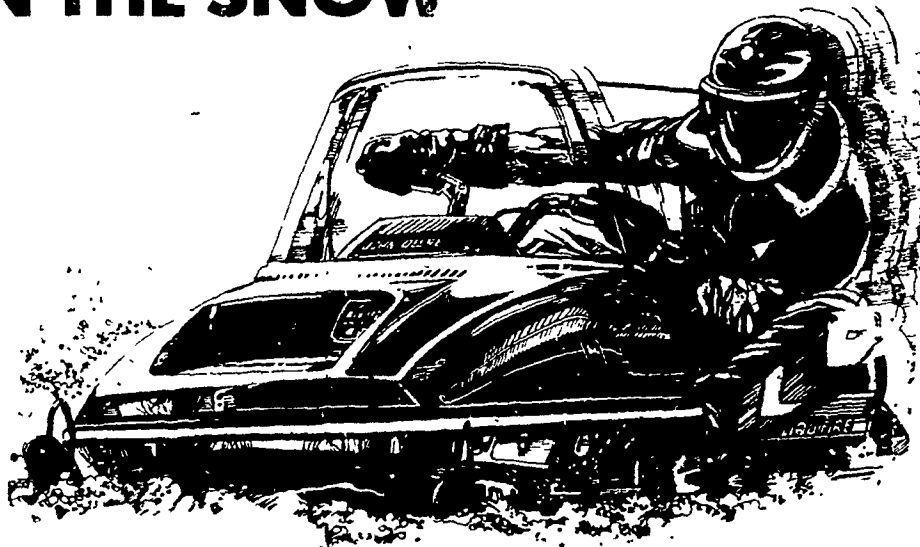
PARKHURST FARM SUPPLY
Hammonton, NJ
609-561-0960

LIGHTEST ON THE SNOW

1982 John Deere snowmobiles are light in weight, heavy on innovations

You are looking at one member of the lightest-weight line of snowmobiles in the industry. John Deere knows what excess weight can do to a snowmobile's performance: Slow acceleration, less maneuverability; increased fuel consumption. So John Deere pared its 1982 snowmobiles down to the muscle. No sacrifices, only improvements. Like direct drive, Ultra-Form 80 steel, TPR (thermoplastic rubber), redesigned components. Things you can't see, but you can sure feel. Experience the 1982 Spitfire. Trailfire and Trailfire LX, Sportfire and Liquifire® today.

Nothing Runs Like a Deere®



Farmix appealed to a supreme court, and won.

More than 10,000 hogs served on the court. And the trial lasted over four years. The verdict: Farmix swine feed concentrate was proved far superior on all counts...swine performance...carcass leanness...cost of gain.

What clinched the case for Farmix? In brief, research probed far beyond the measure of crude protein levels used by most swine feed manufacturers. Rather, Master Mix Research redefined the requirements of swine for essential amino

acids. The objective was to proportion amino acid intake according to the hog's needs for fast efficient daily gains.

Next, Master Mix evaluated the various feedstuffs to identify amino acid availability and the lowest cost combination that would deliver the required amino acid pattern.

The country's highest court—market hogs themselves—bore witness to faster rates of gain. Im-

proved feed conversions. Lower feed cost.

Then all last year, leading swine producers weighed the evidence, and came to a unanimous decision. Farmix really works. It's inexpensive and versatile. And helps build healthier bottom-line profits.

Why not be the final judge. Give Farmix a fair trial on any grounds you choose. See your Master Mix representative.

Master Mix  **CENTRAL SOYA**
More to gain.

3101

STOP IN TODAY AND GET THE FACTS FROM THE MASTER MIX DEALER IN YOUR AREA.



**ABBOTTSTOWN GRAIN
& FEED INC.**
Abbottstown, PA 17301
(717) 259-0609

**SPANGLER &
SPRENKLE INC.**
York, PA 17404
(717) 843-8889

LEROY M. SENSENG INC.
Ephrata, PA 17522
(717) 733-8668

**BIG VALLEY FEED
& GRAIN**
Belleville, PA 17004
(717) 935-2163

**MIFFLINBURG
FARMERS EXCHANGE**
Mifflinburg, PA 17844
(717) 966-1001

**THOMAS FARM
SUPPLIES**
Millersville, PA 17551
(717) 872-5646

**HOLLINGER FARM
& HOME SUPPLY**
Lititz, PA 17543
(717) 626-2330

**MAUGANSVILLE ELEVATOR
& LUMBER CO.**
Maugansville, MD 21767
(301) 739-4220

ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
(717) 786-3372

SERVICE FEED & SUPPLY CO.
Cardiff, Maryland 21024
(301) 452-8444
(717) 456-7433

Eighth generation dairyman combines breeding, feeding in top Holstein herd

BY SHEILA MILLER
KLEINFELTERSVILLE

When you talk to a dairy farmer about breeding programs, it is inevitable that sometime in the conversation the topic of transmitting ability will come up.

What are the chances of that top quality bull or cow passing on the excellent traits he or she displays?

That idea has been the cornerstone for many dairy producers' herd developing strategies. Its importance is evident at a glance when examining each year's sire summaries, listing top bulls' Predicted Difference and Repeatability scores.

It's a proven fact that genetics plays a dominant role in the quality of future generations of dairy cattle. But, along with the inherited blueprint, a cow or bull's performance is influenced by its environment.

The idea of 'you are what you eat' applies to cows as well as people. The ability to keep a top-pedigreed dairy animal pampered for top production is a quality exhibited by knowledgeable dairymen, those who've succeeded in the business for generation upon generation.

Lebanon County's Harold Bollinger is one dairyman who not only breeds top Holstein cattle, but who also knows how to treat them. He is the eighth generation of Bollingers in the dairy business, farming on the same 50 acres as his forefathers.

Over the years, each generation of Bollinger has milked a herd of registered Holstein cattle. Today the herd, which numbers 39 head on the milking string, has its roots in the Black and White foundations built by the Bollinger family.

When Harold bought the farm from his parents in 1943, he didn't have to start out from scratch. Along with the knowledge of the business, the 28-year-old dairyman also brought with him several head of Holstein cattle he had raised as 4-H and FFA projects while a student at Schaefferstown High School. These cattle, along with some he bought from his parents herd, got Harold and wife Amy off to a good start.

In his second year of farming on his own, Harold recalls, he decided to start building the genetic capabilities of his herd through the use of artificial insemination. In selecting a sire to compliment his



Conservation plays an important part on the Bollinger farm. Contour strips, a sod waterway, tile drainage, along with no-till and chisel plowing help keep the fertile soil from

cattle and bring out their best traits, he chose Gold Medal Proven sire Lauxmont Admiral Lucifer, one of the Holstein breed's most influential sires who was bred at a farm in Wrightsville, York County, that still bears his prefix.

With this female base, Bollinger added another genetic keystone in Osbornale Ivanhoe, an Excellent Gold Medal sire.

By the early 1960s, Ivanhoe daughters made up half the Bollinger herd. Then in 1963, the genetic progress suffered a slight setback as lightning destroyed eight head. "We were lucky, though," remembers Harold. "We didn't lose any Ivanhoe blood, and only lost four Lucifer daughters."

One of the survivors of this destructive act of nature has brought national recognition to the Bollinger herd. For in 1966, an Ivanhoe daughter gave birth to a heifer calf sired by Limerock Reflection Oscar. Her name — Willow Maple Reflection Mae.

Now 15 years old, this graying hallmark of the Bollinger herd is still standing in the stanchion barn and pouring out the production records. She was recently recognized as the national class leader in milk for senior aged cows. As a 14-year-old, Mae milked 32,256 pounds in 365 days with 1,111 pounds of butterfat.

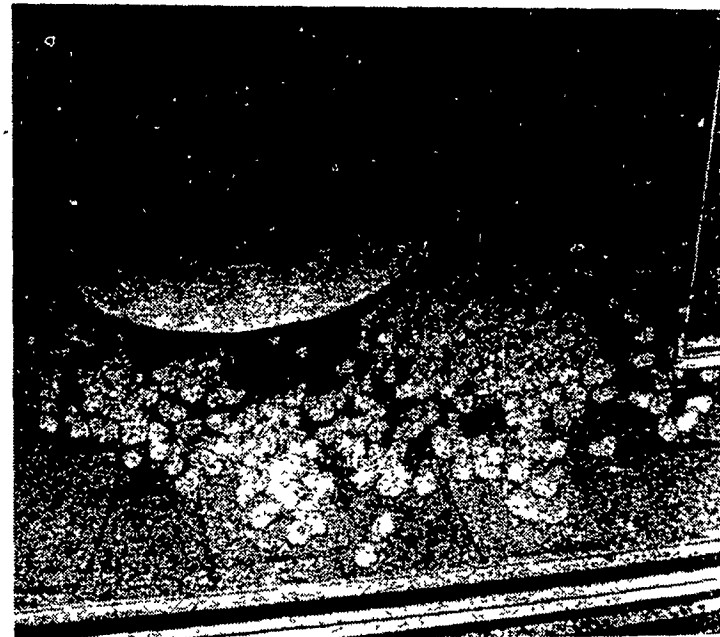
Mae's production records haven't gone unnoticed at the state level while all these national honors were being doled out. Under the supervision of the Dairy Herd Improvement Registry, Mae has come in at the top of her class in milk production for Pennsylvania. Her 13 lactations have made 295,000 pounds of milk and 10,616 pounds of butterfat.

Her prime came as an 8-year-old, when Mae made 37,865 pounds of milk in 375 days, along with 1,276 pounds of fat.

With a production record like Mae's, Bollinger admits he would

(Turn to Page D3)

washing away. Donald has been an active director on the Lebanon Conservation District Board since graduation from high school.



Along with their dairy operation, the Bollingers raise five flocks of broilers each year, under contract. Each flock numbers 72,000 birds that reach the 4-pound market weight in six weeks.



Is it possible that the ability to be a top dairyman runs in the family? If Lebanon County's Bollinger family is proof, there's no question. Harold Bollinger, left, is the 8th generation dairyman milking registered Holsteins, along with son Donald, right, and 7-year-old grandson Steven.



Fifteen-year-old Willow Maple Reflection Mae and her nationally recognized production record of 32,256 pounds milk with 1,111

pounds fat has helped keep the Bollinger herd's rolling average above 20,000 for the past four years.

Eighth generation

(Continued from Page D2)

have liked to have added several full sisters to his herd. Unfortunately, Oscar was "one of those bulls that didn't get to stay around long enough," and he left the Hubert Miller herd in Lebanon County after only a short lifetime.

Over the years Mae has produced some outstanding daughters, including Willow Maple Ideal Mary who turned in a record to rank her as the third-place senior 4-year-old for milk production in 1980.

When Mae was a 2-year-old, Harold Bollinger decided it was time to bring the next generation into the operation. Because Donald had been working on the farm since he graduated from Schaefferstown High School in 1961, he was more than ready to join in the Willow Maple operation on a 50:50 basis.

From early on, Donald followed in his father's footsteps and learned the skills needed to be successful in the dairy business. During his school years, he participated in 4-H and FFA activities and was awarded the American Farmer Degree.

This willingness to learn and try new things to improve their business led the Bollinger partners to ET — embryo transfers — in 1979. Their choice for flushing was, of course, Mae.

The Bollingers weren't disappointed in their first attempt with ET, either. For Mae produced eight calves — six bulls and two heifers, all by Marvex. One of the heifers is currently in the milking string, and the bulls were marketed both locally and abroad.

Their experience with ET however, taught the two dairymen a valuable lesson. They quickly learned that bull calves occur more frequently than heifers, and that selling these bulls can be a "hassle."

As a result, says Donald, there will be no more ETs done on the Bollinger farm "until a heifer calf can be guaranteed." Along with the expense of the procedure, the Bollingers stated the ordeal could be "hard on cows" and getting them bred back could be difficult.

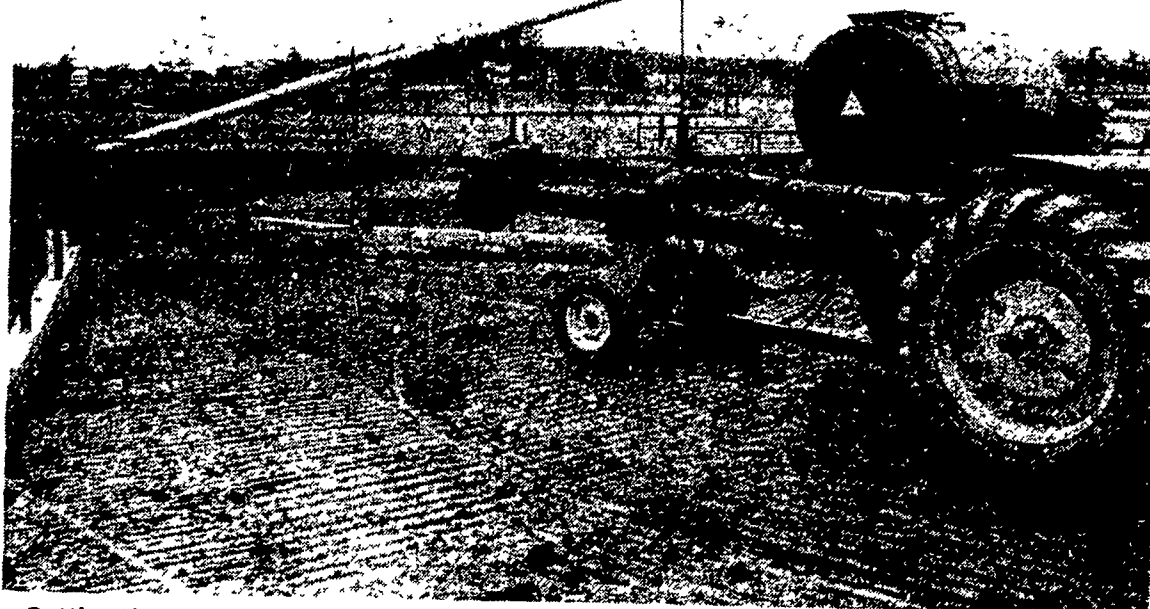
Any reproduction delays would mean a setback in genetic progress in the herd, but more importantly, it could mean a lag in milk production — the mainstay of the operation. Since the Bollinger rolling herd average hasn't been below the 20,000 pound mark since 1977, any drop would be a step backward.

The Bollingers contribute the past four years of top production to their feeding program; and the "cornerstone" of the feeding program is testing.

"Our forages are tested every two weeks," explains Donald, "and we are given a new ration every two weeks." These rations are made up for each age group of cattle on the farm, including young stock and dry cows.

Another factor in their top production records is the efficient mastitis control in their milking string. But this was not always the case, Donald recalls.

He explains how the herd developed a severe outbreak of mastitis in 1975, two years after the Willow Maple milking string was introduced to a total mix ration from Agri-King.



Getting the manure into and out of the pond is accomplished with this Husky pump. It carries the manure from a holding pit to the

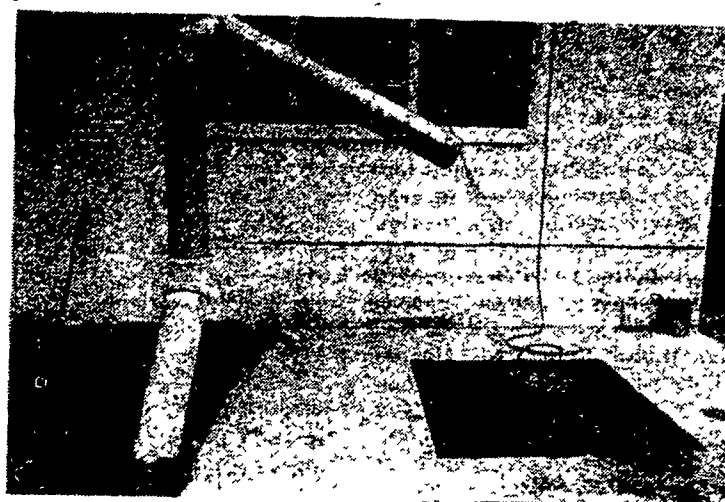
pond, agitates it, and then loads it into the manure wagon when it's time to spread.

"Our average production had shot up to 13,000 pounds," remembers Donald, "and that's when we started having problems."

"We changed the milkers, the pulsators, and still we had the mastitis. Finally, we sampled each cow's four quarters and sent the samples to Dr. Burleigh Anderson, a veterinarian from Loysville, Perry County."

What he found was a 10 percent coliform infection. The bacteria had taken hold while the cows were under the stress of increased production and improper milking equipment.

(Turn to Page D4)



700 SERIES Bobcat

Heavy Duty, 1300 lb. Operating Capacity

COMPARE THE FEATURES:

PERFORMANCE

1300 lb. capacity with dump reach up to 36". When you work a Bobcat, you'll feel the power at the wheels for maneuverability and stability throughout full load cycles.

DURABILITY

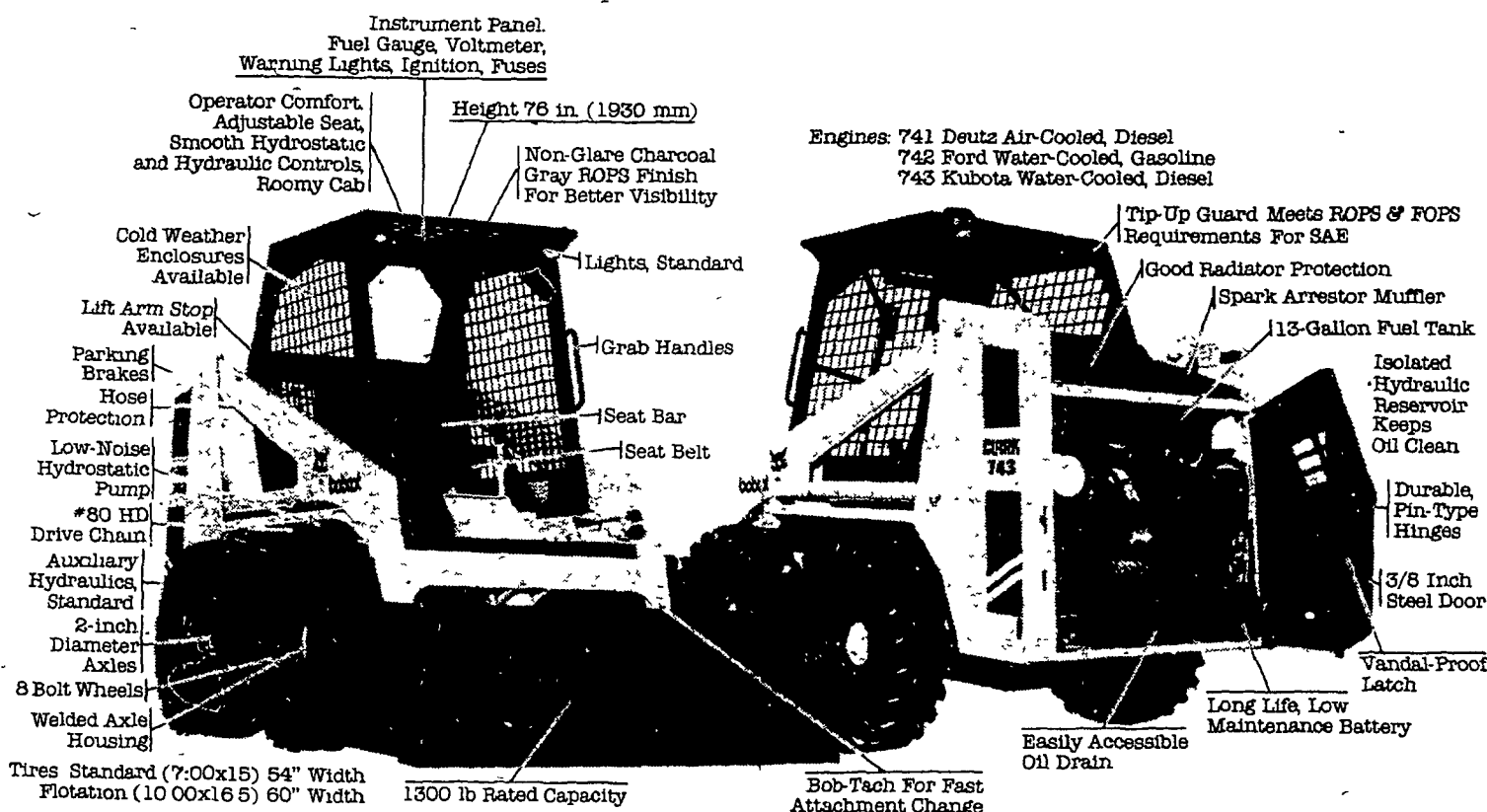
Compare operating weight to load capacity, compare drive chain size, axle thickness, steel, welding, protection for hoses, engines, radiators and the superior Bob-Tach system for attachments inside and out Bobcats feature fine tuned engineering.

SERVICABILITY

Tip up rollover protection structure for easier accessibility to hydrostatic components & steering linkage. 3/8" steel rear door on pin hinges makes routine maintenance a snap, bigger batteries and starters, dual element air cleaners.

SAFETY

Seat bar for additional operator safety, convenience and comfort. Rugged rollover protective structure construction, pedal locks; dual headlights; rear road and work lights; spark arrestor muffler.



PRICE

CLARK

BOBCAT DEALERS:

Carlisle, PA
PETERMAN
FARM EQUIPMENT
717-249-5338

Harrisburg, PA
HIGHWAY EQUIPMENT
& SUPPLY CO.
717-564-3031

Myerstown, PA
SWOPE & BASHORE INC.
717-933-4138

Mill Hall, PA
DUNKLE & GRIEB
717-726-3115

Tunkhannock, PA
BARTRON FARM SUPPLY
717-836-3740

Chambersburg, PA
CLUGSTON
IMPLEMENT INC.
717-263-4103

Honey Grove, PA
NORMAN D. CLARK
& SON INC.
717-734-3682

Palm, PA
WENTZ
FARM SUPPLIES INC.
215-679-7164

Slattington, PA
SCAT ENTERPRISES INC.
215-767-1711

Quarryville, PA
GRUMELL'S
FARM SERV.
717-786-7318

Drums, PA
HIGHWAY EQUIPMENT
& SUPPLY CO.
717-788-1127

Martinsburg, PA
BURCHFIELD'S INC.
814-793-2194

Centre Hall, PA
DUNKLE & GRIEB
814-364-9109

Collegeville, PA
MID-ATLANTIC EQUIP.
215-489-1400

Airville, Pa.
AIRVILLE EQUIP. INC.
717-862-3358

BOBCAT...#1

13 Models Up To 3700 Pound Capacity



Eighth generation

(Continued from Page D3)

"The cows were letting down so much milk at such a rate that the milkers couldn't take it away fast enough. As a result, the milk would flood the claws.

At the same time, the milking unit was set up to pulsate all four quarters at once. This pressure change in the teat forced milk back up in the udder. The constant irritation set up the environment for the coliform to flourish. Coliform can kill a cow if she's not resistant, notes Donald.

This severe infection warranted immediate action on the part of Bollingers. Dealing with the equipment problem meant installing a 2-inch pipeline to replace the original 1½-inch line, and switching from simultaneous pulsation to alternating pulsators.

Dr. Anderson advised the Bollingers that each cow was to be injected with a vaccine made from her individual milk culture. These injections were administered once every 10 days until the infection cleared up.

Since then, as a preventative measure, each animal on the Bollinger milking string is treated with this cultured mastitis vaccine twice a year to help build up her resistance. The shots are given at freshening and when the cow is dried off. If an individual animal should develop a problem case of mastitis during her lactation, she is treated more frequently.

"What's nice about this type of mastitis control is that you don't have to hold the milk after treating a cow — there's no antibiotics. And, it costs less than \$5 per cow per year," notes Donald. That's cheap insurance.

The Willow Maple milking herd

has one more thing going in favor of mastitis control — they're not bedded on straw or sawdust. Instead, these ladies rest on rubber mats.

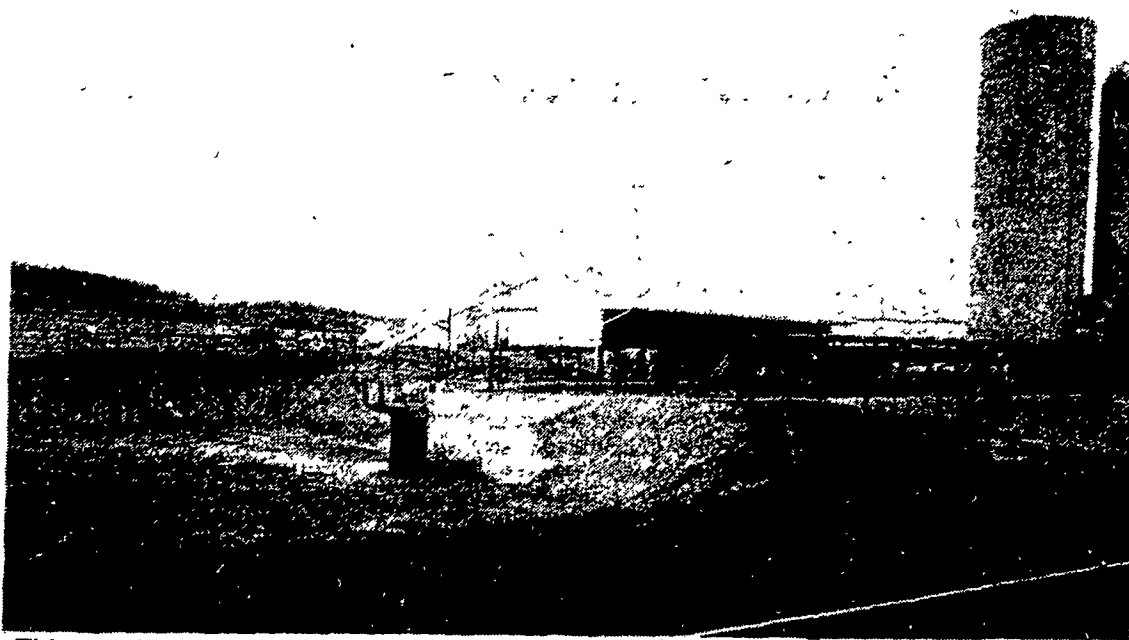
A grate covers the manure gutter that runs behind the stalls, and helps keep the cows up out of the manure. The gutter cleaner carries the manure from the barn to a closed manure pit. There the manure is mingled with milk house water and, after agitation, is pumped to a six-month-storage lagoon. A fan keeps gases out of the barn while the mixing and pumping takes place.

This earthen lagoon, which was finished last September, is the latest in a long line of conservation practices installed on the Bollinger farms. Their present 161 acres of limestone and shale ground also bears witness to good management, with contour strips wrapping across the steeper slopes and a sod waterway carrying excess surface water safely across a corn field.

No-till planting and chisel plowing are conservation practices also employed in growing the necessary livestock feed needed to keep the Willow Maple cows at their peak. The corn acreage is harvested mostly as silage, although some is shelled and stored in a metal bin.

Up until this year, the Bollingers had stored their shelled corn in a heap on the second floor of the barn. It was treated with propionic acid to prevent spoilage. But the Bollingers discovered that this acid was "killing the butterfat."

"Nobody had enough experience with this acid treatment to tell us for sure if this was what was causing our butterfat to drop,"



This earthen manure storage pond was completed last September and holds a six-month buildup of milkhouse water, barnlot scrapings, and manure from the stanchion barn.

explains Donald. "But when we quit feeding the corn, our butterfat jumped from an average of 3.37 in September to 3.78 in October."

Since then the Bollingers have learned that a slump in butterfat was found when cattle in a study were fed alfalfa hay treated with 2 pounds of propionic acid per ton. The Bollinger corn was treated with ½ pound of the acid per bushel and top producers were getting 12-15 pounds of corn per day.

Needless to say, the Bollingers dropped the acid and opted for the metal bin.

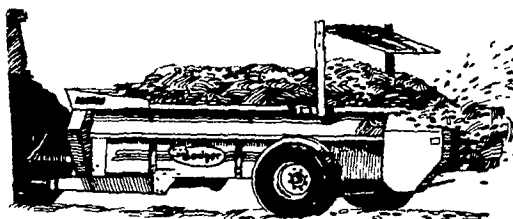
Along with their dairy operation, the Bollingers also raise broilers in two houses built in 1966 and 1969.

So future generations of Bollingers will have the background for both industries — dairy and poultry. Already 7-year-old Steven Bollinger, Donald and

Rosene's son, is tagging along to the barn, watching his father and grandfather keenly. And daughter Angie, 11, is participating in the 4-H club activities.

With all the next two generation's help near at hand, does Harold Bollinger ever consider retiring?

Indeed not, stresses Harold. "Then I'd have to start jogging," he laughs, "and I couldn't stand that."



Now there's a new Badger Spreader with more capacity and a guarantee that can't be beat!

For years manufacturers of manure spreaders have bragged about heaped capacities. That's fine, as long as you're handling manure that can be heaped.

But today, more farmers are working with liquid and semi-solid manure. And no matter how hard you try, you just can't make a pile out of soup.



Talk to the man who knows

That's why Badger designed their new BN3210 and BN3260 Manure Spreaders with extra truck level capacity. The 3210 has a 220 bushel heaped capacity, 143 cu. ft. struck capacity. The 3260 holds 260 bushels heaped and 166 cu. ft. struck.

Therefore our cost per cubic foot is less!

But Badger puts more in their spreaders than just space. There's treated wood sides and floor that won't ever rust out. Unitized welded frame and reinforced undercarriage.

BADGER SPREADERS ARE SO STRONG, THEIR WOOD SIDES AND FLOOR ARE GUARANTEED FOR AS LONG AS YOU OWN THEM.

And Badger Spreaders can be customized with exciting options like 1000 RPM PTO, hydraulic liquid end gate, top beater and two great aprons in 667X pintle chain or T-Bar Type.

Badger

PIKEVILLE EQUIPMENT INC.

RD 2
Oley, PA 19547
Ph. (215) 987-6277

CECIL DAIRY SERVICE

RD 1 Rt. 274
½ Mi. South Rising
Sun, MD 21911
Ph. (301) 658-6923

GRUMELLI'S FARM SERVICE

Mechanics Grove
Quarryville, PA 17566
Ph. (717) 786-7318

LLOYD E. KREIDER

RD 1
Cochranville, PA
19330
Ph. (215) 932-4700

ROY O. CHRISTMAN

RD 1
Hamburg, PA 19526
Ph. (215) 562-7218

SHOW-EASE STALL CO.

523 Willow Rd.
Lancaster, PA 17601
Ph. (717) 299-2536

FARMERS — PLANNING TO BUILD?

- Dairy Barn
- Poultry House
- Hog House
- Machinery Shed
- Horse Stable
- Riding Arena

We Will Help You —

- Design and Layout your Specifications
- With Site Planning and Excavation
- Draw Plans
- Select Materials
- Figure Costs

BUILDINGS ARE COVERED WITH REYNOLDS ROOFING & SIDING



For All Your Farm Building Needs, Large or Small, Let Our Experience Work For You

BUILT BY:

AGRI-INC.

DESIGNERS & BUILDERS of SYSTEMS

RD 4 EPHRATA, PA 17522
Located In Farmersville
Phone 717-354-4271

Wasson moves from Pork to Sheep Council

DENVER, Co. — Rodger L. Wasson of Adel, Iowa, coordinator of operations of the National Pork Producers Council located in Des Moines, has been named to head the American Sheep Producers Council as executive director effective January 14, 1982.

Wasson's appointment was announced by Chris Jouffas of Grand Junction, Colorado, president of the Council and a sheepman. Wasson succeeds Dick Biglin as executive director following Biglin's retirement after more than 25 years of service.

"We are very fortunate to have someone like Rodger Wasson to head up the Council," Jouffas said. "He has had a strong background in association management and

will help to organize a strong, creative and enthusiastic promotion force based on a team effort," he added. "Rodger has displayed outstanding ability to organize, to work with people and to manage budgets."

Wasson was born May 24, 1949, in West Central Illinois where his father farmed and raised sheep.

Before serving two years with the Pork Council, Wasson was executive vice president of the Indiana Beef Cattle Association from 1973 to 1979. He had previously worked for ASPC in Denver for one year in 1972-73 as director of the Sheep Industry Development Program.

Wasson graduated from Illinois State University in 1971 with a

Bachelor of Science in communications. He married his wife Vickie while they were both in college. He worked for a radio station in Bloomington, Illinois, as a radio farm director until his wife received her degree.

As coordinator of operations,

Wasson has been in charge of supervising the operation of the Pork Council, which includes the office management group consisting of product promotion including advertising, merchandising and consumer communications, and producer

relations which encompasses special activities, the Pork Congress, pork publicity and research and education.

He has had experience working with all species of livestock, including sheep, cattle and hogs, at both the state and national level.

USDA corrects poultry scald rule

WASHINGTON, D.C. — The U.S. Department of Agriculture has issued a correction to a list of poultry scald agents contained in its new rule on substances which meat and poultry plants can use in processing.

The correction on a change in the final rule shows that 16 poultry

scald agents can be used in amounts "sufficient for the purpose", said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

Because those words were inadvertently omitted in the Oct. 5 rule, it appeared that the substances could only be used in

amounts "not to exceed 0.0175 percent in scald water," he said.

The first poultry scald agent that should be designated as "permitted for use in amounts sufficient for purpose" is potassium hydroxide, and the last of the 16 agents is tetrasodium pyrophosphate, he said.

This correction was published in the Nov. 13 Federal Register.

no finance charges for 11 months

Buy one of our new Case farm tractors now... finance it through J I Case Credit Corporation... and finance charges will be waived for eleven (11) months from date of purchase.

OR choose a Case cash rebate ...

If you would rather have a cash rebate and you buy any of our new Case farm tractors listed on the chart... Case will send you a check for the dollar amount shown on the chart for the model you buy.

Rebate may be applied toward your down payment. NOTE: Government Agencies/Departments do not qualify for rebates.

Waiver of finance charges on used farm tractors.

Buy one of our used farm tractors, any make... finance it through J I Case Credit Corporation... and finance charges will be waived date of purchase until June 1, 1982.

Offers valid November 1 thru November 30, 1981.

Purchase date extended thru December 31, 1981



Case

See Your Local Dealer Now!

• CONVENIENT FINANCING
• LEASING
• RENTALS

• PARTS
• SERVICE
• RECONDITIONED TRACTORS

C. & P. FULTZ EQUIP.
RD 1,
Spring Mills, PA
(814) 422-8805

T & T SUPPLY, INC.
RD5, Danville, PA
(717) 273-0927
2 mi. S. off Rte. 54

ZIMMERMAN'S FARM SERVICE
Bethel, PA
(717) 933-4114

E. W. BILEWICZ EQUIP., INC.
Elmer Rd.,
Richwood, NJ
(609) 881-2692

A. L. HERR & BRO.
312 Park Ave.
Quarryville, PA
(717) 786-3521

C. H. WALTZ SONS, INC.
RD1,
Cogan Station, PA
(717) 435-2921

STOUFFER BROS., INC.
1066 Lincoln
Way West
Chambersburg, PA
(717) 263-8424

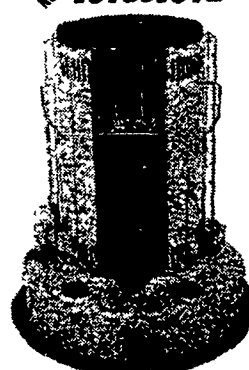
PEOPLES SALES & SERVICE
Oakland Mills, PA
(717) 463-2735

BINKLEY & HURST BROS.
133 Rothsville Station
Rd.
Lititz, PA
(717) 626-4705

PAUL SHOVER'S, INC.
35 East Willow St.
Carlisle, PA
(717) 243-2686

WE SELL CLEAR WHITE KEROSENE

TOYOSTOVE



KSA-105
19,500 BTU
Reg. \$279.00
NOW
\$199.00

TOYOSTOVE



RB-2
8,700 BTU
Reg. \$179.00
NOW
\$139.00
Plus FREE WICK

LEOLA FIREPLACE & STOVE SHOP

93 W. Main St., Leola
717-656-6408
Mon.-Fri. 10-8; Sat. 9-6

OLD TRACTOR TIRED?

It's trade-in time at
ALLEN H. MATZ, INC.
or 10% OFF on all parts
Used In A Major Overhaul



FANTASTIC REBATES

Ford 4600 Tractor

Choose from twenty-one Ford tractor models, 13 to 335-hp. Five compact diesels, 13 to 30-hp. Seven tough all-purpose tractors, 32 to 84-hp, 60-hp up available with Ford-built cab. Three big new TW-Series tractors 110 and 163-hp. Giant 4WD Fords, 210 to 335-hp. See us today. Let's talk trade!



ALLEN H. MATZ, INC.

505 E. Main St., New Holland
Ph: 717-354-2214
SERVING THE COMMUNITY
THIRTY-TWO YEARS
LANC. CO.'S OLDEST FORD DEALER



Dauphin County DHIA Monthly Report

October 1981

305 day lactation records above 500 lbs. fat.

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Bryncoed Farm Jersey				
144	7-0	13,770	4.9	678
217	5-8	11,531	5.0	582
75 W	7-4	10,924	5.1	555
274	4-9	12,803	4.9	626
285	4-7	12,392	4.5	562
311	4-2	10,485	5.9	623
John Hertzler				
Betts	5-8	19,936	4.3	864
Apollo	7-8	17,963	3.1	551
Maddie	3-11	17,265	4.0	683
June	3-0	15,462	3.8	582
Conewago Farms				
Roxie	3-1	16,379	3.7	608
Earl Keefer				
Gmadlin	5-3	17,759	3.2	569
Mae	7-2	14,710	3.8	563
Breta	3-8	15,026	3.9	586
Duck	3-8	16,113	4.3	696
Amelia	3-1	13,136	3.9	509
Annie	3-4	10,692	4.7	505
HK Anna	2-1	14,012	3.8	532
Bertie	3-4	16,528	4.1	676
Robert Oellig				
Crystal	6-8	23,317	3.3	768
Daisy	5-0	15,520	4.2	646
Calvin B. Mauser				
Felice	6-11	14,368	4.9	701
Lucinda	4-9	13,040	4.1	539
Bonbon	4-1	16,068	4.9	788
Bell	3-0	12,890	4.9	627
Joette	2-0	12,416	4.2	525
Nancann	2-0	14,089	4.6	654
Robert J. Schaffer				
Toots	14-4	20,001	3.5	703
Pearl	7-3	17,846	4.4	779
Genevieve	6-1	21,772	3.8	824
Rosale	6-1	13,981	3.6	501
Miriam	4-2	20,944	3.6	753

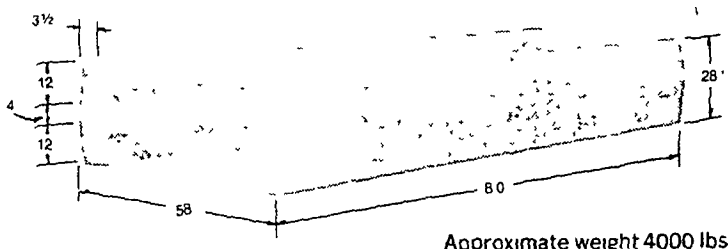
Mattie	3-1	18,740	3.4	630
Dottie	3-2	17,944	3.4	617
John Roy Book				
Cindy	4-6	14,436	4.0	572
Lee R. Sweigard				
Spot	3-0	18,191	4.2	755
Stoney Lawn Farms				
Jubilee	3-7	17,086	3.2	542
Lil	3-0	21,111	3.2	669
Lytle Farms Inc				
Aquar	6-9	20,833	3.2	658
Olga	4-5	17,022	5.2	888
Sabra	4-8	21,122	3.3	698
Star	2-4	12,711	4.1	521
Alberta	2-0	15,791	3.6	568
Laurel	2-2	14,736	3.9	578
Floyd Feidt				
Sissy	7-4	16,201	3.2	523
Raindro	4-5	13,565	4.3	587
Susan	3-8	13,973	3.9	538
Fay	3-0	14,907	3.6	543
Mahlon L. Lehman				
Lucie	5-2	18,173	3.2	579
Jenny	4-3	17,550	3.9	685
Tena	2-11	14,696	3.8	556
J. Melvin Brandt				
Penny	9-10	17,105	3.9	673
Betsy	8-1	17,052	3.4	586
Beth	6-5	17,341	3.6	630
Sue	5-2	16,729	3.2	540
Emily	5-0	15,817	3.5	558
Phoebe	4-0	14,566	4.1	601
Doris	3-9	14,389	3.6	516
Wilmer Campbell				
Blondie	6-9	17,932	3.7	661
Phyllis	2-11	14,434	4.3	623
CBetty	3-0	12,413	4.6	574
Polly	2-1	12,362	4.1	508
Harold M. Nissley				
Pam	11-5	18,511	4.1	752
Rusty	2-3	14,211	4.3	608
J. Richard Alwine				
Delie	5-2	20,396	3.3	683
Homer Campbell				
125	5-10	14,224	4.0	569
150	4-0	15,338	3.8	578
58	3-1	13,875	3.6	505
Catalpa Farms				
Diane	7-2	17,196	4.3	738
Sadie	6-0	21,211	4.0	848
Effie	4-8	21,595	3.8	811
Star	4-3	21,578	3.6	786
Judy	3-5	17,311	3.9	679
107	3-1	23,452	3.2	751
153	2-0	16,630	3.5	582
Stanley R. Long				
Duchess	7-5	15,901	3.6	567
Milly	7-2	17,417	3.2	552
Shaker	7-1	17,476	4.2	731
Mona	6-5	15,577	3.7	579
Dixie	2-11	16,257	4.1	670
Carol	3-1	14,184	3.9	552

Restful Acres				
Nora	6-0	26,031	3.7	959
Satin	6-2	17,068	4.6	782
Natalie	6-2	20,611	3.3	672
Robert H. Beach Jr.				
126	4-2	21,203	3.3	694
Frank Wagner, Jr.				
188	4-1	16,895	3.9	656
104	3-0	13,285	3.9	524
14	3-4	18,958	3.5	660
15	4-9	16,461	3.9	647
Gary E. Miller				
R4	4-0	16,864	3.4	571
196	ng	20,578	3.3	676
Donald Engle				
59	7-1	17,262	4.0	686
20	3-10	12,840	4.0	513
82	3-1	18,901	3.5	657
50	2-2	22,074	3.3	725
Earl Campbell				
17	5-10	18,172	4.9	896
132	4-10	14,913	5.1	761
125	1-10	15,168	3.7	567
Henry Keiter				
Pansy	9-2	17,114	3.6	621
Nanking	7-1	18,302	3.5	640
Nellie	5-2	17,218	3.8	653
Raven	2-0	14,042	4.1	572
Donald Miller Deemar				
12	5-10	13,401	4.3	580
42	5-7	12,429	4.1	509
19	3-10	17,125	3.8	649
35	3-8	15,974	4.4	701
Roy M. Brubaker				
Marilyn	5-0	23,066	3.5	805
Charm	7-10	21,154	3.4	715
Julia	5-1	19,397	3.5	672
Vanilla	6-0	23,181	3.2	799
Reba	9-0	17,355	3.3	579
Nite	4-6	18,419	3.3	603
Polly	8-5	21,469	3.4	725
Jane	3-8	21,381	2.8	607
Starla	3-9	19,867	3.6	719
Janice	3-0	19,208	3.9	751
Linda	3-0	18,142	3.4	621
Mary	3-1	19,415	3.1	609
Cheryl	2-4	19,053	2.9	562
Elaine	2-2	14,343	3.6	519
GayLad	2-9	16,198	3.4	549
Gloria	2-3	15,784	3.5	551
Star	2-0	16,390	3.3	534
Marie	2-2	17,676	3.2	565
Isaac K. Newswanger				
25	3-5	13,609	4.2	570
53	5-11	16,519	3.8	628
1	4-8	19,297	3.9	760
42	3-1	18,677	4.1	766
Paul E. Clugston				
16	3-6	18,467	3.1	580
34	3-11	15,114	3.8	569
56	4-10	14,602	3.7	545

(Turn to Page D7)

SOLLENBERGER SILO & EQUIPMENT CO.
Check Our
Products & Service
Before You Buy

CONCRETE "H" TYPE FEED BUNKS



Featuring...

- Large Capacity
- Steel Reinforced
- Movable — for future expansion
- Strong enough to support a roof and feeder
- No corners to retain spoiled feed

INSTALLATION OF BUNKS

We have the necessary equipment to handle and install these heavy bunks. Customer shall make roadway to feed lot passable for our delivery truck.

— ALSO AVAILABLE —
NEW J TYPE FEED BUNKS

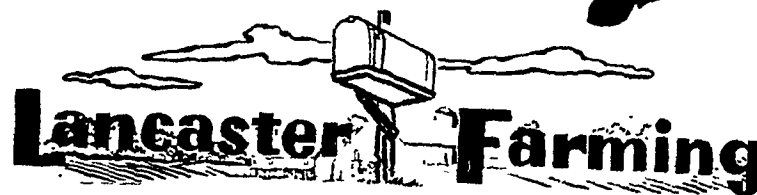
5790 Sunset Pike, Chambersburg, PA

717-264-9588

SANTA SAYS . . .

"Give A Gift That
Lasts All Year Long"

A SUBSCRIPTION TO



ONLY \$7.50 Per Year or \$13.00 FOR TWO YEARS
IN PA, NJ, MD, DE, NY, VA & WV.
(Other Areas \$12.00 Per Year or
\$20.00 for Two Years)

CLIP AND MAIL THIS COUPON TO:
LANCASTER FARMING, P.O. BOX 366, LITITZ, PA. 17543
Subscriptions Will Begin With Christmas Issue

**LANCASTER FARMING Will Send A Gift
Certificate Announcing
the Start of the Gift Subscription**

PLEASE SEND LANCASTER FARMING TO:

(Please complete all blanks in full)

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

COUNTY _____

GIFT CARD TO READ FROM _____

Dauphin Co. DHIA

(Continued from Page D6)

50	3-4	14,483	3.5	513
77	2-5	14,493	4.0	573
James Leshner				
Valentine	8-3	14,092	4.0	567
Wil-Lene Farms				
7	6-1	16,355	4.2	681
48	6-1	23,411	3.3	775
55	2-11	16,123	3.2	519
69	2-3	15,579	3.3	520
Isaac King				
39	6-3	18,656	3.9	734
17	6-3	16,340	3.8	626
29	4-10	12,406	4.5	561
47	4-0	13,529	4.6	627
77	2-2	13,515	3.7	506
Oel-Dell Farms				
36	5-3	16,267	3.3	541
Arthur Brandt				
Molly T	6-1	16,794	3.3	546
Ruby	5-2	18,882	3.8	711
Nig	4-11	18,468	3.7	689
40	4-7	15,768	3.6	572
Sandra	4-2	16,927	3.7	627
88	4-1	14,778	3.9	583
Sassy	3-1	16,005	3.4	546
Hickory	3-3	15,006	3.5	522
Elwillo Farms				
103	8-8	18,062	4.2	757
80	5-9	18,532	4.5	829
75 R	5-4	14,203	4.5	633
82	5-2	20,716	3.9	803
121	4-3	14,361	3.6	522
128	4-2	14,106	4.4	618
63R	3-2	11,456	4.9	557
40 R	3-4	17,053	4.4	743
88-R	2-4	12,640	4.1	518
Larry L. Boyer				
Teddy	8-5	21,342	3.4	729
Elsa	1-11	16,512	3.4	557
Dale F. Faust				
6	7-10	20,322	4.0	812
35	4-6	15,934	4.1	646
27	ng	17,904	3.5	622
2	3-3	14,256	3.6	516
19	3-8	16,937	3.8	647
7	2-6	13,469	3.8	513
14	2-7	13,998	3.6	504
31	2-8	16,036	3.3	525
15	2-8	13,737	3.6	501
Robert N. Miller				
Petunia	4-4	13,668	4.1	558
Cristy	3-8	15,418	3.9	601

OWNER

Robert J. Schaffer
Catalpa Farms
Restful Acres
Earl Campbell
John Hertzler
Larry L. Boyer
Robert H. Beach, Jr.
Calvin B. Mauser
Roy M. Brubaker
Donald Engle
Paul L. Crissinger
J. Melvin Brandt
Harold M. Nissley
J. Richard Alwine
Wil-Lene Farms
Lytle Farms Inc.
Stoney Lawn Farms
Dale F. Faust
Elwillo Farms
Wilmer Campbell
Great View Farms
Earl E. Keefer
Isaac K. Newswanger
James Leshner
Lauden Farms
Lee R. Sweigard
Henry Keiter
Frank Wagner, Jr.
Sher Mar Acres
Paul E. Clugston
Roy C. Wilbert
Robert Oellig
Conewago Farms
Mahlon L. Lehman
Homer Campbell
Arthur Brandt
John Roy Book
Donald Miller Deemar
Isaac King
Robert N. Miller
Stanley R. Long
Gary E. Miller
Walter Schaffer

BREED	NO. COWS	LBS. MILK	LBS. FAT
H	63.3	17,778	667
H	111.4	17,169	649
H	75.1	17,382	648
H	53.2	16,337	646
H	68.8	17,011	645
H	22.4	17,357	639
H	45.3	16,874	637
G	69.6	13,778	633
H	59.4	18,122	625
H	64.3	16,079	622
H	81.5	16,202	616
H	69.9	16,009	611
H	44.3	16,594	605
H	50.7	15,697	603
H	56.4	16,938	602
H	100.3	16,322	601
H	82.3	16,348	597
H	32.5	16,030	597
Mix	113.4	15,765	594
G	59.7	13,266	592
H	52.1	15,587	592
A	82.6	14,331	581
H	44.4	14,704	579
H	40.5	15,160	576
H	134.9	15,587	576
H	22.2	15,493	570
H	47.6	15,170	570
H	52.7	14,418	559
H	37.6	15,459	559
H	76.1	14,880	558
H	24.4	15,677	558
H	34.7	14,210	556
H	52.6	14,327	548
H	50.5	14,723	542
H	73.8	13,812	541
H	95.8	14,335	540
H	52.2	14,523	534
H	42.6	13,715	532
H	39.1	14,321	531
G	16.3	12,063	524
H	82.4	14,306	523
H	74.8	13,436	521
H	41.9	12,360	503

Lancaster Farming, Saturday, December 12, 1981—D7

Sullivan Co. DHIA ends 58th year

DUSHORE — The SULBRA (Sullivan-Bradford Counties) Dairy Herd Improvement Association closed its 58th year on September 30 with the average for the 1,175 cows of 14,655 pounds of milk and 557 pounds of butterfat.

There were 22 full-year herds and four Owner-Sampler herds. The SULBRA DHIA is comprised of President - William Hart; Vice President - Raymond Norconk, Secretary - William Lambert; Treasurer - Mildred Marshall and Jody Lambert, Directors - Robert Coombs, Laverne McCarty and Richard Higley, Supervisor - John Brown.

Dennis & Vicki Boyd, Forksville	R&GH	32.0	87.5	19,346	733
William Hottenstein, New Albany	RH	50.6	87.9	19,763	712
Geo. & Wm. Lambert, Dushore	R&GH	106.0	90.9	18,905	711
Raymond Norconk, New Albany	R&GH	40.1	87.2	17,991	697
C.E. Arey & R. Coombs, Dushore	RH	44.8	88.1	18,078	695
Richard R. Higley, Forksville	RH	54.5	87.1	15,789	645
Ronald Hembury, Dushore	RH	73.5	86.5	16,016	615
Earl & James Warburton, New Albany	R&GH	73.1	88.5	16,293	614
William B. Hart, Forksville	R&GH	65.0	89.4	16,313	595
Joan M. Woodhead, Forksville	R&GH	26.0	85.1	13,991	575
Jerry D. & C.L. Nehls, Forksville	R&GH	43.2	90.2	14,775	566
Duane Smithkors, Dushore	R&GH	25.5	88.5	14,861	549
Slocum Acres, New Albany	R&GH	56.4	88.9	14,599	545
Kevin Ferris, New Albany	R&GH	32.5	84.9	14,288	543
Milo & Betty Reibson, Forksville	R&GH	53.3	87.2	14,872	538
R.L. & Tracy McCarty, Forksville	RH	73.1	84.8	13,693	524
Pardoe Brothers, Forksville	R&GH	93.0	83.3	13,124	463
Heess Farm, Canton	R&GH	31.4	87.2	10,826	416

READ
LANCASTER FARMING
FOR COMPLETE
AND UP-TO-DATE
MARKET REPORTS



Dairy Automation



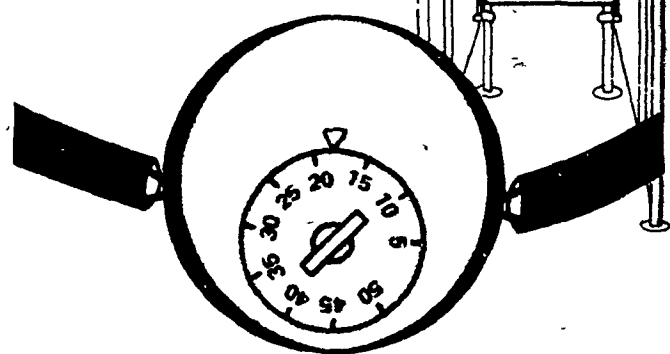
If You're Thinking Dairy Automation
There's Just One Name You Need To
Know: De Laval

For over 100 years dairymen world-wide have depended on De Laval products to keep their dairies running smoothly and profitably. You can too. Check these De Laval automation products, all designed to make your milking easier. Then check with us. We've got full details on these fine products and the whole line of De Laval dairying equipment & accessories.

- DV-300™ milker — rugged milker features automatic shifts of vacuum levels and pulsation rates.
- A.R.M.™ devices — Automatic Removal Mechanism features parallel linkage support arm. "Armless" model also available.
- Autocord™ removal device — the affordable way to automate milker removal.



Challenger™ Feeding System



This is the breakthrough technology that made it possible to feed grain to dairy cows according to individual needs—automatically. The De Laval® Challenger™ Feeding System is the obvious choice for dairy farmers who want electronic grain dispensing at a moderate installation cost.

The Challenger system is controlled by neck-worn transponders which store feeding instructions for each cow; these provide a radio link with feeding stalls where cows are fed upon command. The Challenger system has capabilities demanded by the most modern operation, yet it's feasible for herds as small as 25 cows. May we show the surprising figures?



MEMO
HAY,
STRAW &
EAR CORN
SALE

EVERY
MONDAY
At 11 A.M.

NEW HOLLAND SALES
STABLES, INC.
Phone 717-354-4341
Lloyd H. Kreider,
Auctioneer



Don't smoke?
Good driver?
We could save
you a pack of
money on your
car insurance.

Call us today. Ask about
our non-smoker discount.

HERITAGE INSURANCE
ASSOCIATES, INC.

201 E. Penn Ave., Cleona
Lebanon 717-272-9923

Talk it over with us.
One of the leadership com-
panies we represent is The
Hanover Insurance Company
Worcester, Massachusetts

SERVICE WHEN
YOU NEED IT

- Trained Installation and Service Personnel
- Hundreds of Satisfied Users
- Planning Service
- Competitive Price
- Route Truck to Supply Your Needs

SERVICE WHEN YOU NEED IT

J.B. ZIMMERMAN & SONS

West of Blue Ball, PA on Rt. 23
PH: 717-354-4955

Ask For Ralph Stoltzfus
RADIO DISPATCHED TRUCKS

CECIL DAIRY SERVICE

RD 1, Rt. 274

½ Mile South of Rising Sun, Md.

21911

PH: 301-658-6923



Adams County DHIA Monthly Report

October 1981

OWNER	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel & Holmes	3	57.9	96.5	57.0	3.9	2.20
Kling Ayr Farms	3	41.0	91.7	59.8	3.5	2.09
Roy A. Weaner Jr	3	54.8	94.2	58.4	3.5	2.07
Weim Sharr Farms	3	60.0	84.6	54.9	3.6	1.95
Piney Lane Guernseys	2	58.8	95.1	38.6	5.0	1.92
Yellow-Buttercup Farm	3	133.9	93.3	45.8	4.1	1.86
Leroy Deputy	B3	129.5	86.2	49.3	3.7	1.84
El Rho Farm	3	49.2	83.1	47.5	3.7	1.78
Piney Lane Guernseys	2	57.7	91.4	35.6	4.9	1.76
William C. Mearns Jr	B3	93.6	95.0	46.9	3.8	1.76
Eugene Witter	B3	70.1	85.7	45.9	3.8	1.73
Stoner Bros Dairy	G3	73.2	91.2	48.8	3.5	1.72
Yellow-Buttercup Farm	3	131.6	87.1	44.4	3.9	1.71
Home Side Acres	00	44.0	120.0			
Buttonwood Farm	3	127.5	86.9	45.8	3.7	1.69
M.J. Starnier & Sons	B3	122.2	86.2	41.8	4.0	1.68
William Myers	B3	37.0	80.5	46.4	3.6	1.68
Brown Valley Farm	3	78.3	80.4	45.1	3.7	1.65
Claude Holmes Jr	3	45.0	84.3	41.3	4.0	1.64
Donald Todt	B3	51.9	92.5	45.3	3.6	1.62
James E. Miller	2	43.1	81.0	33.6	4.7	1.59
Richard K. Herr	B3	100.4	84.2	42.1	3.8	1.58
George I. Lauchman	B3	32.6	80.0	41.6	3.8	1.57
Guy Tanager	3	33.0	90.8	44.2	3.5	1.56
Way Brite Farms	B3	130.6	87.2	41.4	3.8	1.56
Ray Dutterer	G3	65.9	75.2	39.6	3.9	1.54
M.R. & C.S. Durboraw	B3	57.4	97.7	39.9	3.8	1.52
Bowlder Valley	B3	63.2	82.5	44.3	3.4	1.52

Zeppdale Farms	B3	108.3	86.4	41.9	3.6	1.50
Getty Acres	B3	174.4	81.6	42.1	3.5	1.49
Penn Gate Farm	3	46.4	85.1	42.5	3.5	1.48
Wayne H. Rodgers	B3	86.3	82.3	39.3	3.8	1.48
J. Howard Stiles	4	67.4	82.7	29.6	5.0	1.48
Robel Acres	3	99.4	79.9	40.0	3.7	1.46
Bel Crik	3	58.5	89.6	38.3	3.8	1.46
Grn Manor Guernseys	2	26.9	79.3	32.8	4.5	1.46
Lagging Stream Farm	B3	115.4	81.7	38.4	3.8	1.45
Robel Acres	3	98.4	85.7	42.4	3.4	1.44
Stone Manor Dairy	3	48.5	78.2	40.4	3.6	1.44
William G. Inskip	G3	67.1	88.4	35.9	3.9	1.41
Wayne H. Rodgers	B3	82.6	77.9	38.1	3.7	1.41
Kraybill Miller	B3	47.0	81.4	35.6	3.9	1.40
John J. Hess	B3	115.4	83.4	36.4	3.8	1.39
Rhodes Enterprises	B3	94.8	75.2	35.4	3.9	1.39
Pleasant Acres	B3	56.9	79.9	35.0	3.9	1.37
Robert & Linda Meyers	B3	73.1	79.5	40.3	3.3	1.34
Pennstead Farm	3	41.1	80.1	38.2	3.5	1.32
Shamrock Farm	B3	68.1	79.2	37.5	3.5	1.32
Rinker Bros	G3	38.0	78.4	35.7	3.7	1.32
Roger L. Sprague	B3	54.0	75.7	33.3	3.8	1.28
Richard Mills	G3	45.0	79.6	33.6	3.8	1.27
Oscar E. Mehring	B3	36.0	87.3	34.2	3.7	1.27
Robert L. Rohrbaugh	B3	69.0	81.5	38.8	3.2	1.25

All complete lactations of 600 lbs. fat or more

OWNER	NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel & Holmes							
	Orion	3	8-7	305	24,147	3.9	943
	Peppie	3	8-3	305	26,013	3.8	984
	Emera	3	7-9	305	21,766	4.1	885
	Trannie	3	4-10	305	26,627	3.4	896
	Sparla	3	2-0	305	16,073	3.8	617
Stoner Bros. Dairy							
	Ellie	3	7-4	305	22,047	5.2	1141
	Ursula	3	6-9	305	18,217	4.9	888
	Terrie	3	4-0	296	20,028	4.2	834
Brown Valley Farm							
	Virgini	3	5-3	305	22,547	3.7	823
	Tabby	3	5-0	292	16,423	4.2	688
	Van	3	4-0	281	19,101	4.0	755
Penn Gate Farm							
	10	3	6-6	305	19,535	3.2	626
	Chabbey	3	3-8	305	23,648	3.3	792
Adam F. Lobaugh							
	Sparkle	3	8-6	290	20,142	3.9	776
Robel Acres							
	120	3	7-4	305	20,204	3.7	744
	190	3	6-2	294	17,485	4.1	719
	5	3	5-11	305	22,276	3.3	741

1/9	3	4-9	305	18,101	3.3	606
189	3	4-8	305	18,111	3.4	620
68	3	4-4	305	20,143	3.8	765
72	3	4-2	273	17,618	3.7	652
191	3	3-11	305	17,765	3.7	652
20	3	3-3	305	17,863	3.4	604
103	3	4-0	305	22,925	3.9	893
65	3	3-3	305	18,632	3.4	633
155	3	3-1	305	17,141	3.6	610
10	3	2-10	305	18,553	3.5	646
Piney Lane Guernseys						
Promo	2	12-7	305	14,024	4.8	667
Mgaldie	2	8-6	305	16,619	5.0	828
Pep	2	5-6	289	13,495	5.1	690
Perlone	2	5-2	305	14,605	4.5	650
Athena	2	5-7	305	14,100	5.4	758
Gloria	2	4-11	305	15,087	4.6	696
Perfect	2	4-11	258	11,619	5.2	609
Patsy	2	3-6	305	15,800	5.1	813
M.R. & C.S. Durboraw						
29C	3	3-3	305	16,276	3.7	601
30C	3	3-2	305	15,253	4.0	608
M.J. Starnier & Sons						
146	3	6-10	263	18,639	4.7	884
145	3	5-10	305	13,749	4.7	649
161	3	3-0	295	15,021	4.0	602
James C. Behney						
Wendy	3	10-8	305	16,266	3.8	620
74	3	7-10	305	13,946	4.4	618
Donald Todt						
Henerta	3	8-9	305	22,037	3.5	775
Rosie	3	8-0	305	21,174	3.5	733
Kling Ayr Farms						
Inez	3	4-5	305	24,227	4.2	1020
June	3	3-4	305	25,143	3.7	938
Buttonwood Farms						
Penny	3	6-3	241	18,233	4.2	767
Ladymae	3	3-2	305	20,015	3.5	696
Pat	3	3-2	305	15,420	4.1	630
Roxey	3	3-4	299	18,420	3.5	644
Diana	3	3-3	297	15,568	4.2	659
Posie	3	3-2	305	18,432	4.3	789
Evelyn	3	2-4	305	18,396	3.3	603
James E. Miller						
Fanny	2	5-3	305	13,277	5.0	667
Deborah	2	9-3	305	13,118	4.6	609
Polyann	2	3-11	305	12,328	5.0	619
Quince	3	2-9	305	15,657	4.2	661
Roy A. Weaner Jr.						
83	3	4-7	305	19,224	4.0	760
49	3	3-5	305	16,470	4.0	654
Lagging Stream Farm						
Shelia	3	10-10	305	17,918	3.9	693
Jewel	3	8-8	305	20,615	4.0	818

(Turn to Page D9)



ARCADIAN® liquid gives a profitable boost to alfalfa by top dressing in the fall or winter.

Herbicides like Princep - Kerb - I.P.C. can also be added to control winter annuals.



Fortified With A New Combination of Power-Packed Ingredients!



- Grain Distillers Solubles
- Ammonium Polyphosphate
- Condensed Fermented Corn Extractive

ARCADIAN GOLDEN URAN 30%, Poly-N 10-34-0, Wholesale & Retail

— ALSO —
Lime Sales & Spreading plus retail
insecticides & Herbicides
Call Us For Your Chemical Needs.

MARTIN'S AG SERVICE

c/o JOHN Z. MARTIN
RD 1, Box 716, New Holland, PA 17557
Phone: 717-354-4996 or 717-354-5848

Join Today

AND I'LL DELIVER A CHRISTMAS CLUB CHECK TO YOU IN 1982

Put yourself on our Christmas list! Open your high interest Christmas Club now...enjoy the extra cash later!

THE FARMERS NATIONAL BANK OF QUARRYVILLE

SMALL ENOUGH TO KNOW YOU...

LARGE ENOUGH TO SERVE YOU.

TWO CONVENIENT SOUTHERN LANCASTER COUNTY LOCATIONS

★ QUARRYVILLE Phone: (717) 786-7337 ★ PENN HILL

An Equal Opportunity Lender • Member F.D.I.C. • Each Account Insured To \$100,000

Adams Co. DHIA

(Continued from Page D8)

Dinah	3	8-4	305	24,035	3.9	949
Lori	3	8-4	268	16,488	3.4	714
Skylark	3	7-8	305	18,602	3.5	656
Cathy	3	9-9	305	22,076	3.7	809
Patsy	3	6-4	305	14,486	4.9	705
Galaxie	3	6-2	305	18,577	4.4	823
Grace	3	5-3	305	16,717	4.0	664
Lady M	3	4-6	305	17,115	3.6	612
Treasa	3	2-11	305	14,793	4.1	612
Plenty	3	2-1	305	15,825	3.9	615
John J. Hess						
W-68	3	7-10	305	20,822	3.5	725
117	3	6-0	305	20,066	3.3	668
125	3	5-6	305	17,554	3.5	623
119	3	4-9	305	16,927	3.9	659
68	3	4-1	305	22,551	3.5	779
Wendy	3	3-11	268	18,846	4.0	746
61	3	3-2	305	19,084	4.0	771
111	3	2-10	296	16,115	3.7	602
145	3	3-0	274	18,379	3.8	707
33	3	2-3	305	14,170	4.4	621
William G. Inskip						
59	3	11-6	305	16,464	4.3	707
10	3	10-6	305	20,629	3.9	804
40	3	3-8	305	20,698	3.7	760
Ray Dutterer						
Linda	3	10-2	305	24,196	3.2	780
Billy Jo	3	4-1	296	16,893	4.9	825
Ruth	3	4-8	305	16,930	4.2	705
Shamrock Farm						
27	2	4-10	305	18,076	3.9	708
35	3	3-10	305	19,985	3.2	631
48	3	7-8	271	16,549	3.8	630
El Rho Farm						
Betty	3	6-9	305	26,927	3.6	980
Ila	3	4-4	305	24,326	3.7	910
Carrie	3	4-5	305	20,337	4.0	811
Loretta	3	3-4	305	30,483	3.9	802
Nana	3	3-3	305	17,835	3.6	646
Yellow-Buttercup Farm						
9	3	9-1	305	19,124	4.5	867
1	3	9-3	305	19,240	4.2	800
26	3	8-4	305	21,221	3.8	808
48	3	8-1	305	17,912	4.0	722
59	3	6-0	305	19,559	4.0	781
10	3	4-4	305	20,376	4.5	923
50	3	4-4	305	20,446	4.2	855
78	3	4-0	305	15,410	4.2	653
107	3	3-4	305	18,717	4.2	778
35	3	3-2	305	21,173	3.5	739
18	3	3-0	305	16,482	4.9	804
4	3	4-1	305	16,620	4.0	657

45	3	1-11	305	15,221	4.0	607
Wayne H. Rodgers						
Pinky	2	8-9	305	14,914	4.3	640
Thelma	3	8-2	305	16,120	4.7	759
Harriet	2	7-9	277	15,356	4.1	622
3	3	4-2	305	21,219	3.3	694
22	3	3-9	278	13,151	4.8	625
William Myers						
Glitter	3	7-3	305	25,567	3.5	890
Bonny	3	5-9	288	20,724	3.7	766
Peggy	3	4-8	293	18,200	3.7	670
Lottie	3	2-10	292	20,801	3.0	630
Belle	3	2-11	293	18,772	3.4	646
Roger L. Sprague						
Joy	3	4-9	305	19,547	3.4	661
Weim Sharr Farms						
86	3	4-3	305	21,322	3.6	772
55	3	4-4	305	21,266	3.0	629
113	3	5-4	305	30,853	3.8	1176
121	3	3-10	305	17,023	4.2	709
William C. Mearns Jr.						
01	3	7-2	303	16,576	3.8	625
70	3	3-9	303	17,385	4.1	710
75	3	4-0	305	20,277	3.8	767
78	3	3-8	305	17,132	3.5	604
Grove Bros.						
258	3	5-5	305	20,254	3.4	685
55	3	4-11	305	22,123	3.8	842
81	3	0-0	305	19,790	3.5	683
20	3	3-7	296	19,646	3.5	686
72	3	0-0	305	17,808	3.6	647
5	3	2-2	304	17,752	4.1	730
2	3	2-2	305	16,293	3.8	611
Eugene Witter						
Lida	3	8-4	305	16,111	4.6	740
Ginger	3	6-3	305	17,963	4.3	778
Way Brite Farms						
G44	3	8-3	305	18,763	3.7	692
73	3	6-2	305	16,145	4.1	662
72	3	5-0	305	16,062	3.9	623
G59	3	5-4	305	20,290	3.8	773
G54	3	4-6	305	15,897	4.1	654

Lancaster Farming, Saturday, December 12, 1981—D9

Oscar E. Mehrling						
Holly	3	4-1	288	16,086	3.7	602
Comet	3	3-0	305	16,277	4.0	654
Leroy Deputy						
Doris	3	10-10	294	25,381	3.9	998
Mable	3	8-1	305	22,916	3.4	787
Maude	3	10-6	305	22,050	4.0	888
Phyllis	3	6-3	294	21,832	3.3	729
Leanne	3	5-1	305	29,043	3.6	1034
Sugar	3	4-4	305	21,448	3.8	813
Bambi	3	4-3	304	23,406	3.3	770
Tisa	3	3-11	305	23,197	3.0	695
Lana	3	3-3	305	21,631	4.0	873
Toe	3	3-1	305	19,018	4.2	800
Claude Holmes Jr.						
Varla	3	4-4	305	16,715	4.6	774
Missy	3	2-5	305	15,986	4.1	658
Getty Acres						
184	3	4-10	305	22,853	3.2	733
259	3	3-5	305	18,574	3.4	626
266	3	3-2	305	18,369	3.5	647
275	3	3-3	305	22,300	3.0	666
323	3	2-0	305	19,379	3.3	642
325	3	2-8	305	18,050	3.5	636
Zeppdale Farms						
65	3	5-2	305	18,432	3.5	654
147	3	4-10	305	20,861	3.6	753
Rhodes Enterprises						
35	3	5-5	305	24,766	3.5	879
61	3	3-11	305	16,956	3.6	615
143	3	3-0	294	14,300	4.2	603
Ber Crk						
Eva	3	4-11	305	16,807	3.8	636
Echo	3	3-7	305	20,577	3.4	704
Julia	3	3-6	285	13,787	4.6	638
J. Howard Stiles						
Matilda	4	4-1	301	12,870	4.9	627
Pitter	4	7-6	300	15,816	4.3	675
Grn Manor Guernseys						
Perfect	2	1-11	301	12,048	5.3	634
Richard K. Herr						
32	3	4-7	305	18,792	3.3	618
98	3	2-11	305	21,285	3.6	761

FEW THINGS WORK FASTER THAN AUREOMYCIN® IN FINISHING FEED.



Our finishing feed with Aureomycin® chlortetracycline pays off in a hurry. With faster growth. Greater feed efficiency. Prevention of bacterial enteritis. Maintenance of gains in the presence of atrophic rhinitis. Reduction of cervical abscesses. And no withdrawal is required.

Let us prove that Aureomycin doesn't cost...it pays.



STEVENS FEED MILL

STEVENS, PA. 17578
PHONE: DENVER 267-2150
EPHRATA 738-1178



Soil shattering, weed toppling field cultivators.



Allis-Chalmers field cultivators are tough, strong and built for high-speed pulling. Better designed to uproot weeds and thoroughly crumble the soil.

The exclusive silent-weed-killer clamp with rubber elastomers vibrates the shank through 360° shattering the soil and killing even the smallest weeds. Rubber elastomers also eliminate metal-to-metal wear.

You can count on Allis-Chalmers field cultivators to turn over a profit in your productivity. A tool for year round use, you can use them for seedbed preparation, field or pasture renovation and chemical incorporation.

Check out the 1200 Series. Eleven work widths from 10½ to 21½ feet. The 1300 with work widths of 23½ to 32½ feet. Hydraulic fold for easy transport. And the 1350 Series in a 3-section frame with widths of 33½ to 35½ feet, and a 5-section frame with 37½ to 39½ foot work widths. Precise leveling and wide working depth control.

For shattering soil and toppling weeds, Allis-Chalmers field cultivators are better by design.

Better by Design
ALLIS-CHALMERS

ROY H. BUCH, INC.
Ephrata, RD 2, PA
717-859-2441

C.J. WONSIDLER BROS.
RD1, Quakertown, PA
215-536-1935
215-536-7573

B. EQUIP., INC.
8422 Wayne Hwy
Waynesboro, PA
717-762-3193

WERTZ GARAGE
Lineboro, MD
301-374-2672

AG. IND. EQUIPMENT CO.,
INC.
1207 Telegraph Rd.
Rising Sun, MD
301-658-5568
301-398-6132
215-869-3542

GRUMELLI FARM SERVICE
Quarryville, PA
717-866-7318

AGRONOMICS INC.
Box 64, R.D. 2
Factoryville, PA
717-945-3933

PETERMAN FARM
EQUIPMENT, INC.
225 York Road
Carlisle, PA
717-249-5338

BHM FARM
EQUIPMENT, INC.
Annville, RD1, PA
717-867-2211

NICHOLS
FARM EQUIPMENT
R.D. 1 Bloomsburg, PA
717-784-7731

SHARTLESVILLE
FARM SERVICE
Shartlesville, PA
215-488-1025
H. Daniel Wenger, Prop.

C.J. WONSIDLER BROS.
RD 2, Oley, PA
215-987-6257

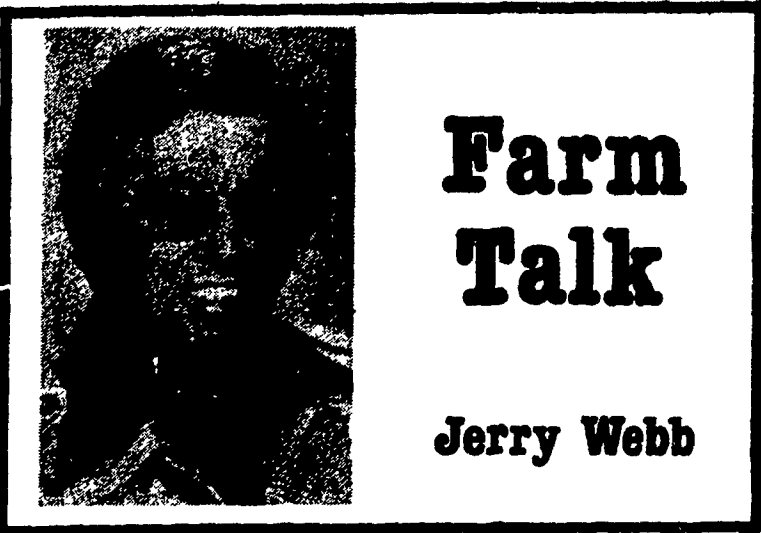
MARSHALL MACHINERY
R.D. 4, Honesdale, PA
717-729-7117

MECKLEY'S LIMESTONE
PRODUCTS INC.
R.D. 1 Herndon, PA
717-758-3915

AIRVILLE
EQUIPMENT, INC.
P.O. Box 37,
Airville, PA
717-862-3358

L. H. BRUBAKER, INC.
Lancaster, PA
717-397-5179

C. J. WONSIDLER BROS.
Rt. 309 & 100
R2 New Tripoli, PA
215-767-7611



Farm Talk

Jerry Webb

Something is happening in the West that could have enormous implications for Delmarva farmers. They're running out of water.

Not that some of those Plain States were exactly the Garden of Eden in the first place, but a substantial share of our feed grain is produced in states where adequate rainfall is always a problem. And now the whole concept of irrigation may be in trouble.

A study done at the Center for Agricultural and Rural Development at Iowa State University indicates that an area stretching from the Nebraska, South Dakota border down into the Texas Panhandle is using up ground water much faster than it's being replaced. And the Center is predicting that by 1990 this shortage of ground water will cause

that region's farm production to decline by 970 million dollars.

The area, known as the Ogallala Aquifer region, is already facing a crisis with some counties drawing water from the ground at a rate 10 times faster than it is being replenished. The problem is compounded by the fact that as the water table drops, it costs more to pump water for irrigation, and that makes it even less profitable for farmers.

As a result of the decline in available ground water in that region, the study points out that there will be a dramatic decline in irrigated land. That means a return to the much less productive dry land farming common before the widespread use of irrigation.

The problem in the Ogallala Aquifer may be more pronounced and the impact more dramatic than in some other places. But it

points to what a lot of experts have been saying all along — that farmers are drawing more water out of the ground than nature is putting back and that a day of reckoning is at hand. We can't just keep going deeper into the ground to find a declining water supply.

While this may work for a while, eventually it becomes economically impossible. It just costs too much to drill the wells and pump the water. Farmers in those situations would be unable to compete with farmers in areas of more plentiful rainfall, or where irrigation water is more readily available.

It stands to reason that some of the semi-arid parts of this country are that way for a reason. They just don't get enough rain. Modern agriculture's efforts to modify that situation by drilling wells and pumping water to the crops is at best a short run solution because it relies on reserves stored over the centuries — reserves that aren't being replenished at nearly the rate of use.

Obviously, if those dry areas were getting the rainfall they needed irrigation wouldn't be necessary and they wouldn't be dry areas. But they are, and farmers have tried to cultivate them anyway, and in the long-run natural scheme of things that just won't work.

So it looks as though some of

those irrigated oases of the Great Western Plains States are going to be drying up, perhaps even sooner than some experts were predicting. And that's where the implications lie for Delmarva farmers. Those with plenty of water, at least for the short run, or with moisture retaining soils that will produce an adequate crop year in and year out, have a considerable advantage. Combine that with the fact that local farmers are within easy shipping distance of half of the nation's population, and it becomes apparent that locally produced farm commodities are going to continue to enjoy strong demand.

Of course these are long-range situations. Kansas isn't going to dry up overnight and the Delmarva peninsula won't be a breadbasket for the East in the

next few years. But the trends seem to be pointing in that direction.

There are good logical reasons why some of the Western states will return to more dry land farming while some other areas of the country, including the Delmarva peninsula, step up their production of both food and feed crops. It's a matter of comparative advantage. If we have the water and the other factors of production and we're closer to the markets and to the people who need food, then it makes sense that we're going to be strong in the farming business for a long time.

Therein lies a series challenge to farmers, politicians, land use planners and others who have a stake in the long-range health and well being of Delmarva agriculture.

Mason-Dixon P. Hereford Assn. plans tour

GARRETT, Md. — The Mason-Dixon Polled Hereford Association held a meeting here recently at the Garrett Community College.

A discussion was held of things which may improve the next sale of the Association. Directors proposed holding a spring sale in early May. Larry Chaikic, Sam Hunter, Paul Peasley, Don Ross,

Randall Harman, James Jenkins and William Buser will serve as a sale committee to plan for the sale.

In other business the board of directors decided to plan a series of farm tours to the eastern part of the state as a part of the annual field day and business meeting. The tour will be planned for June 5 and 6.



Grandpa Snavelly Says...

"We Make
FARM BUILDINGS

Designed to Your Needs...to Your Specifications"

- Pole Barns
- Poultry Houses
- Dairy Barns
- Horse Stables
- Riding Arenas
- Utility Buildings
- Hog Houses
- Cold Storage
- Equipment Sheds
- Storage Buildings
- Work Shops
- Residences

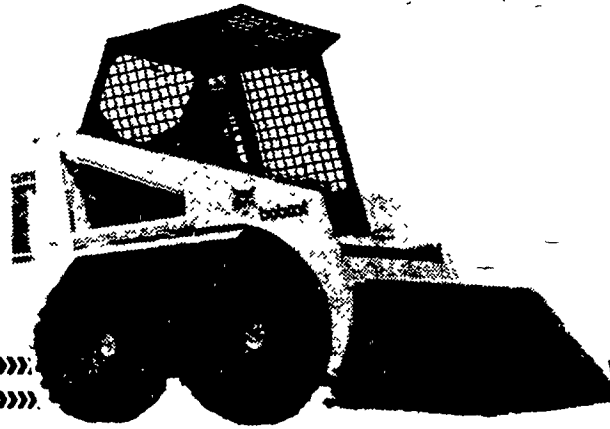
To help you plan your building and write your own specifications, a professional Snavelly field representative is ready and willing to assist you. He can help with everything from selecting the site, determining the size, and drawing the plans, to selecting materials, figuring costs, and scheduling delivery.

Snavelly's has been doing business for over 100 years and has satisfied thousands of area farmers. And their factory fabricated panels, walls, trusses, etc. not only make erection easier and faster but also save you considerable money. For a no-charge, no-obligation consultation on your building requirements, phone, visit or mail the coupon below.



Landisville, PA 17538 150 Main Street 717/898-2241
Lancaster, PA 17603 351 W. James St. 717/394-7277

I am interested in _____
(Type of Building)
I plan on building about _____
(Date)
Name _____
Address _____
City _____ County _____
State _____ Zip _____
Phone Number _____ / _____ LF



**WE OFFER
CLARK-BOBCAT SALES,
PARTS and SERVICE.**



USED BOBCAT CLEARANCE

- MODEL 632, S/N 4993-M-11117, Ford Gas Eng., Flotation tires, 54" Bkt. w/teeth, Hydrostatic drive, 1400 Hours \$8,100.00
- MODEL 722, S/N 4982-M-12530, Ford Gas Eng., Flotation tires, 60" Bkt., Hydrostatic drive, 1300 Hours \$7,800.00
- MODEL 730, S/N 4998-M-12115, Wisconsin Gas Eng., Solid tires, Grapple, Hydrostatic drive, 1600 Hours \$8,300.00
- MODEL 731, S/N 5006-M-12051, Deutz Diesel Eng., Flotation tires, 60" Bkt., Hydrostatic drive 1200 Hours, from Rental Fleet \$13,000.00
- MODEL 825, S/N 4958-MA-18496, Perkins Diesel Eng., Flotation tires, 66" Bkt., Hydrostatic drive, 300 Hours, from Rental Fleet \$17,000.00

ALL MACHINES SUBJECT TO PRIOR SALE OR RENTAL
(Machine Hours May Vary)

Call Mike Liptak in Harrisburg - Call Bob Palermo in Drums

HIGHWAY equipment & supply co.

YOUR ROAD TO GREATER PROFITS

4500 Paxton St. • Harrisburg, PA (717) 564-3031
Route 309 (Drums) • Hazleton, PA (717) 788-1127
CLARK MELROE DIVISION



CLARK

Farmland Preservation ~ It's worth it



Kissel Hill, Lancaster County

—Photo by Dick Anglestem

This is another in a series of scenic photos of Pennsylvania farmland, as it appears today. And hopefully, as it will continue to appear tomorrow and beyond.

CALL

MARVIN J. HORST

**DAIRY
EQUIPMENT**

717-272-0871 1950 S. 5th AVE., LEBANON, PA 17042

**For A
FREE
DEMO**

**of WIC STRAW CHOPPERS
And Other WIC PRODUCTS**

WIC MOTORIZED SILAGE WAGON WITH HYDROSTATIC SPEED CONTROL

**A GREAT IMPROVEMENT
ON EFFICIENCY**

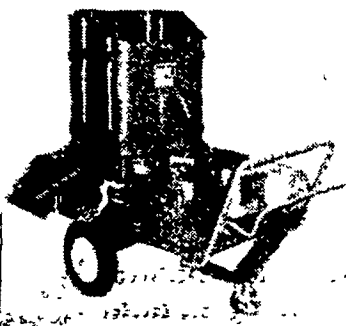
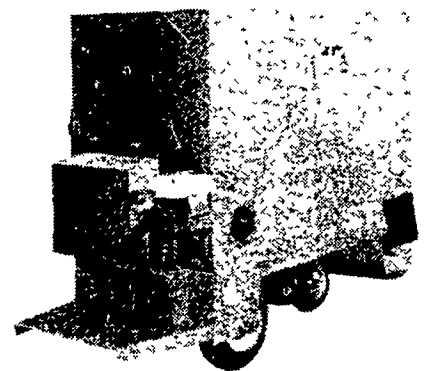
★ Electric or Gas Operated

★ Regular Feed Discharge or
40" High Feed Discharge

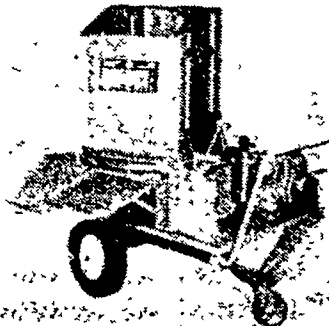
The NEW Hydra-static speed control gives you a choice of speeds from slow to fast. With a touch of the pedal the wagon moves forward or backward; release the pedal and it automatically brakes. You also have a regular feed discharge or a 40-inch high discharge from one or two sides. The WIC Silage Wagon is operated by gas or electric and available in 30-, 45- or 52-bushel sizes. With the 16-inch wheels it goes wherever you want to take it.

A GREAT IMPROVEMENT ON EFFICIENCY

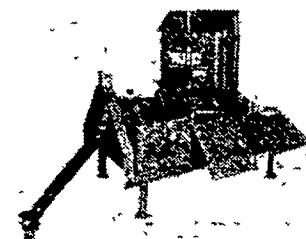
**No Competitor Can Beat The Wic Choppers
For Performance And Cost**



ELECTRIC BEDDING CHOPPER
Wic also makes an electric 200 volt a.c. chopper or a 24 volt d.c. battery operated chopper including an automatic charger. These two models are equipped in the factory with a manual starter panel and are protected by fuses to diminish risk of accidents.
Very quiet, these bedding choppers are mostly used on small or medium-sized farm. As well as being mobile the 220 volt a.c. model can be installed stationary.
Motor: 220 volt a.c. 3 h.p. 24 volt d.c. 2 1/2 h.p.



GAS BEDDING CHOPPER
The gas powered bedding-chopper is the most popular on the market. It's operation is simple and it handles easily. Equipped with a Honda 4-stroke gas engine, the Wic bedding-chopper insures maximum output while in use.
Motor: 5, 7, or 10 h.p. 4-stroke Honda
Starter: 5 h.p. manual, and 7 and 10 h.p. manual or electric start.



**POWER
TAKE OFF
BEDDING
CHOPPER**

Wic has perfected a three point hitch PTO chopper activated by the power of your tractor. Easy to install, it is ideal for free-stalls, or in strawberry fields for mulching purposes.

-DISTRIBUTOR- PAUL HORNING
R.D. 1, Stevens, PA 17578 215-267-7208

DVC finishes with top Bucks Co. DHIA average

DOYLESTOWN — The Bucks County Dairy Herd Improvement Association finished its 58th year September 30 with 55 whole-year members, three AM-PM members and three Owner-Sampler members.

The county's 3,261 cows on test averaged 15,861 pounds of milk and 606 pounds of butterfat.

Delaware Valley College, Doylestown, topped the county herd average with 20,579 pounds of milk and 742 pounds of butterfat on 44.1 registered Holsteins.

The Bucks County DHIA is comprised of: President-Roy Shull, Vice President-Robert Holland, Secretary-Treasurer-John Wright, Directors-Joe Peters, Paul Wisser, Harry Thompson, Dr. John Plummer, James Beyer, Clarence Berger and Warren Buckman, Jr., Supervisors-Christine Hess, Ruth Ann Moyer, Edith Sharp and Earl Whitman.

Delaware Valley College, Doylestown	RH	44.1	87.0	20,579	742
Delaware Valley College, Doylestown	Br. Swiss	10.4	87.1	17,073	740
Paul L. Bishop, Perkasio	R&GH	60.1	89.6	19,239	723
Theodore S. Wilson, Richboro	R&GH	64.7	85.9	19,196	702
John Thompson & Sons, Newtown	RH	77.3	88.4	18,006	693
Crooked Acres Dairy, New Hope	RH	63.3	86.1	18,305	690
Walter B. Wurster, Ottsville	RH	61.1	87.7	18,947	689
David R. Wolfinger, Ottsville	RH	33.8	88.9	17,909	686
Wilmer W. Rush, Perkasio	RH	30.2	86.8	17,833	675
Clifford W. Moyer, Perkasio	R&GH	69.2	88.5	17,491	673
Robert A. Holland, Bedminster	R&GH	54.9	90.1	16,194	658
James I. Beyer, Doylestown	RJ	39.3	87.3	12,675	655
Wm. & Florence Gunser, Newtown	RH	62.4	88.6	17,391	646
Breezyvale Farms, Inc., Yardley	RH	82.0	88.3	17,339	646
Roy Shull, Pipersville	R&GH	183.0	85.9	16,753	645
Raymond Gross, Plumsteadville	RH	47.4	89.5	17,266	644
Robert Crouse, Riegelsville	R&GH	64.2	87.8	16,965	644
Richard O. Smith, New Hope	RG	76.9	88.1	13,229	644
Lester Gregory, Kintnersville	R&GH	59.1	87.5	17,034	643

Harold B. Rick, Kintnersville	R&GH	42.5	89.1	16,866	641
James Pavlica, Kintnersville	RH	40.9	87.9	16,556	641
Joseph M. Peters, Danboro	RH	46.3	85.3	17,276	639
P&C Berger, Kintnersville	RH	48.0	87.3	16,827	629
Penrose & James Hallowell, Ottsville	RH	80.8	84.4	15,824	624
Ken & Virginia Hager, Kintnersville	R&GH	49.6	88.6	16,750	622
Willow Ridge Farm, Buckingham	RH	49.1	85.7	16,089	622
Carl Slack, Newtown	RH	42.1	89.8	16,703	619
Carl R. Kresge, New Hope	RH	89.8	81.0	15,969	617
David R. Watson, Newtown	RH	43.7	83.5	17,031	615
Harold Haldeman, Doylestown	RH	99.0	89.4	16,626	608
Bishcroft Farm, Fountainville	RH	124.9	87.8	15,840	605
Delaware Valley College, Doylestown	RA	8.5	84.7	15,396	603
George & David Bishop, Doylestown	RH	85.4	88.1	16,265	601
Frederick Bros., New Hope	R&GH	65.6	86.2	16,197	601
Paul & Doris Daniels, Pineville	R&GH	73.3	84.5	15,940	592
Urmy Bros., Coopersburg	RH	31.7	89.1	15,304	588
Warren W. Detweiler, Perkasio	R&GH	47.5	89.2	14,609	588
James Phillips, Pipersville	RH	51.9	85.8	16,046	585
Warren E. Buckman, Jr., Perkasio	RH	57.5	89.6	15,527	585
Terry & Linda Long, Ottsville	R&GH	28.8	91.6	16,726	579
Paul Keeler, Perkasio	R&GH	47.4	88.3	14,815	577
Phillip E. Gayman, Doylestown	GH	39.7	86.8	14,758	572
Nicholas Bros., Kintnersville	R&GH	108.3	82.9	14,408	561
HW & WL & CD Lowmes, Newtown	RH	56.5	88.5	14,888	550

Lloyd Lichtenwalner, Center Valley	RH	47.3	88.1	14,658	548
Walter L. Detweiler, Chalfont	R&GH	30.0	86.3	15,869	544
Robert R. Gehman, Coopersburg	R&GH	57.4	85.8	14,181	544
Paul Wisser, Coopersburg	R&GH	54.4	87.1	14,183	537
Glen Dairy J. Moyer, Perkasio	GH	130.0	85.4	13,120	537
K.C. Worthington, Doylestown	RH	46.0	85.4	14,027	511
Jeffrey J. Weirbach, Ferndale	R&GH	28.9	78.4	13,005	492
Stephen Natali, Perkasio	R&GH	29.9	82.7	12,945	488
Urmy Bros., Coopersburg	Br. Swiss	19.7	82.5	11,989	477
Earl H. Landis, Perkasio	R&GH	34.6	89.0	12,265	471
Norman & Albert Sames, Pipersville	RH	62.5	88.7	10,348	406

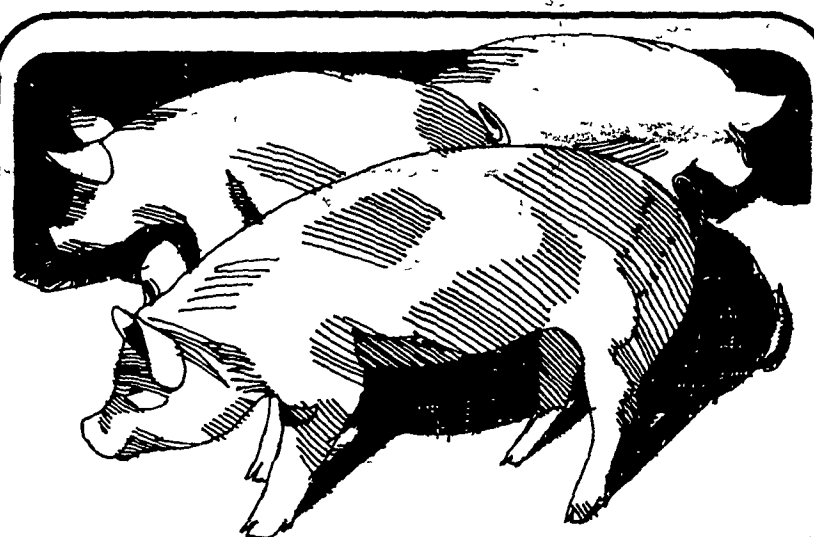
Clarion Co. DHIA

1981 testing

CLARION — Clarion County DHIA recently finished the 1981 testing year on its 12 county herds.

The 675 cows tested in the county turned in a yearly average of 16,176 pounds of milk and 587 pounds of butterfat, exceeding the state averages for both milk and butterfat.

Add Results:					
Lloyd Miller, Mayport	B3	44.7	88.0	19,383	755
Lawrence Henry, Knox	B3	80.6	89.3	17,524	631
Keith E. Decker, Knox	B3	59.1	89.9	17,066	627
Snyder Valley Farm, Parker	B3	90.6	86.5	17,502	603
Larry Keefer, Rimersburg	B3	53.9	86.8	15,848	592
Faber Manor Farms, Mayport	B3	83.8	91.0	16,424	567
Lin De Dell, N. Bethlehem	B3	55.3	87.7	15,264	558
Dale Rhoades, Emlenton	B3	68.5	87.1	15,655	555
Frostburg Fms., N. Bethlehem	B3	55.3	86.0	14,006	535
Dennis Brown, Bethlehem	B3	25.1	86.8	13,651	521
Ken Alsop, Emlenton	B3	21.4	86.1	14,062	512
Melvin Kapp, Shippensburg	B3	36.9	88.0	13,201	497



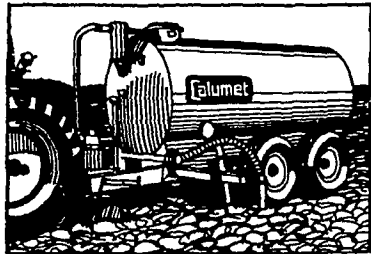
Fertilizer factories

A single 150-lb. hog yields about \$11.00 of fertilizer value a year. Multiply that by the number of hogs you raise and you have a substantial supply of N, P, K you don't have to buy.

But it has to be managed. That means the right handling and spreading equipment. Calumet vacuum tanks are built to last with heavy-duty components and a choice of two vacuum pumps — both engineered to load fast and run cool.

To get the most value from hog manure, pair your Calumet vacuum tank to a Calumet 2 or 4-shank soil injector and put manure where it does the most good.

Take advantage of the value produced by your living fertilizer factories — with Calumet manure management equipment.



The Calumet Company, Inc.



CALUMET &
NESSETH
DISTRIBUTOR

USED EQUIPMENT
12' Better Built Auger Pump
10' Badger Pump
8' Calumet Pump

F. ERNEST SNOOK

RD 3 - Box 84, Mifflinburg, Pa. 17844 - Phone: 717-966-2736

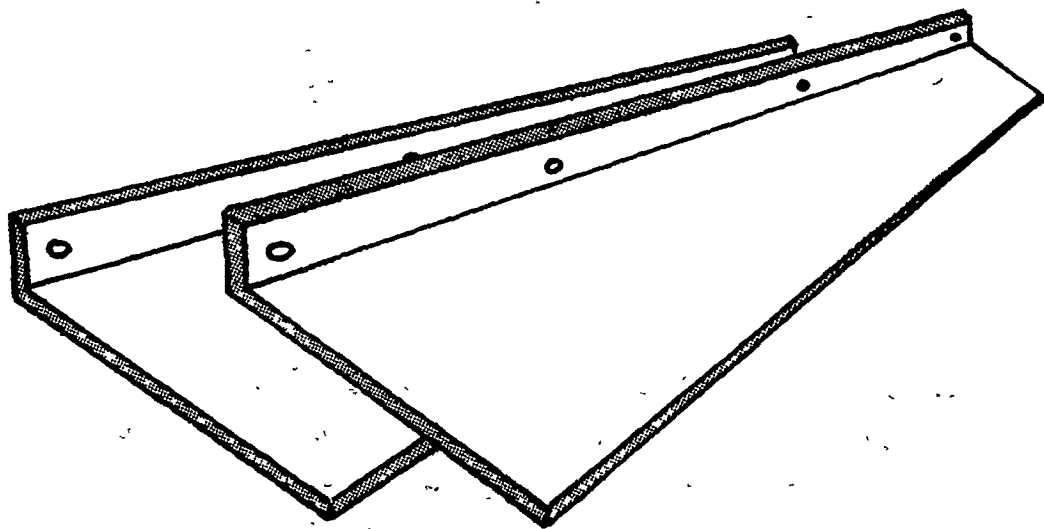
FAVORITE



Need To Replace Dropping Boards?

PVC
or

Heavy Duty
Galvanized



For 10' or 8' Cage Sections
Will Fit Most Cage Systems

Save Money Now

FAVORITE EQUIPMENT and SUPPLY CO.

NEW HOLLAND, PA 17557

PHONE: 717-354-4466

EMERGENCY SERVICE AFTER 5 PM & WEEKENDS — CALL 717-354-4460



Montgomery County DHIA Monthly Report

October 1981

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
David P. Longacre	3	86.1	93.2	59.7	3.6	2.14
J. Harold Keener	3	48.2	95.7	51.8	3.7	1.92
W.B. Saul H.S.	3	12.0	100.0	58.8	3.3	1.92
A. D. Delp & Son	B3	46.4	95.0	54.2	3.5	1.91
Du Mar Farm	3	56.8	91.0	55.6	3.4	1.87
Merrill Mest	B3	38.7	81.1	45.9	4.1	1.87
Fred Seipt Family	3	115.3	83.5	48.8	3.7	1.80
Woodson Farm	3	41.3	82.0	48.0	3.7	1.77
Woodson Farm	3	41.8	84.9	48.8	3.6	1.76
Richard Bechtel	B3	57.6	90.9	49.3	3.5	1.74
George Bisbort	B3	42.0	88.6	44.9	3.9	1.74
Harold Halteman	B3	57.5	85.7	46.8	3.7	1.71
Kenneth P. Schultz	3	53.3	88.0	46.1	3.7	1.70
Charles Rhoads	3	40.8	81.8	45.9	3.7	1.69
E. Halteman & Son	B3	59.5	83.8	40.3	4.2	1.69
Hy-Vue Farms	B3	167.9	88.9	49.1	3.4	1.69
Robert A. Hewitt	B3	44.5	90.3	45.3	3.7	1.69
George Seneko Jr.	3	72.3	87.6	44.5	3.8	1.68
James Guntz	B3	37.0	89.3	46.8	3.6	1.68
Roy Kolb & Sons	B3	73.8	81.2	44.5	3.7	1.63
Merrill Mest	3	39.0	75.1	39.5	4.1	1.61
Ronald R. Johnson	G3	42.1	85.8	43.1	3.7	1.61
Donald Stutzman	B3	43.2	89.8	44.1	3.6	1.60
Robert Wolfgang	B8	41.8	89.9	43.4	3.7	1.59
Walebe Farms	4	220.3	84.5	32.5	4.8	1.55
Gordon Moser	B3	42.1	85.3	43.7	3.5	1.52
LaLisa Holsteins	3	55.7	86.5	39.3	3.9	1.52
Norristown St. Fm	B3	127.4	87.9	42.7	3.5	1.51
Andrew Schertel	B3	68.0	79.5	38.8	3.9	1.51
John Nikerle	B3	53.7	84.1	38.2	3.9	1.50
Robert Wolfgang	B8	39.1	85.5	43.2	3.5	1.50
SH Mowrer & Son	B3	133.9	87.2	42.8	3.5	1.49
Correctional Ind.	B3	149.4	86.2	40.4	3.7	1.48
Clark Yoder	B3	48.0	85.9	39.0	3.8	1.48
E. Jay Renninger	B3	119.9	76.4	38.4	3.8	1.45
Clark Yoder	B3	48.1	87.4	39.1	3.7	1.45
P. Weaver & Sons	G3	64.5	77.9	39.7	3.6	1.44
Gehringer Bros.	8	57.7	82.7	36.4	3.9	1.43
Merrymeade Farm	3	126.6	86.3	39.2	3.6	1.41
Merrill G. Ruth	B3	57.3	88.7	44.7	3.1	1.39
Donald O. Kriebel	3	34.0	88.3	37.3	3.7	1.38
Edward N. Wissner	B3	44.7	85.6	39.1	3.5	1.38

Kriebel Bros.	B3	30.8	83.4	36.4	3.7	1.34
Clyde Masemore	3	68.4	84.0	31.9	4.2	1.34
Ronald P. Boyer	B8	36.5	85.3	36.3	3.8	1.34
J. Meyers & Son	B3	41.0	87.8	35.6	3.8	1.34
Claude R. Bieler	3	32.0	88.1	33.7	3.9	1.33
Grater Bros.	2	60.8	89.5	29.7	4.4	1.31
Curtis N. Kratz	B3	47.0	83.1	36.4	3.6	1.31
Mark A. Slater	B3	75.2	87.2	37.8	3.4	1.30
Irwin L. Ziegler	B3	58.1	90.1	35.3	3.6	1.28
Hoffman Farms	G3	127.9	83.9	33.4	3.8	1.27
Hoffman Farms	G3	127.8	84.1	31.4	3.9	1.24
Stanley Fox	B3	66.0	90.8	33.8	3.6	1.22
Robt. L. Freed Sr.	3	52.2	82.4	32.4	3.7	1.20
Paul S. Jones	B3	45.0	86.8	34.1	3.5	1.20
Warren W. Long	B2	44.8	92.6	25.6	4.6	1.19
Daniel E. Kolb	B3	50.7	74.4	32.6	3.7	1.19
Gordon D. Holl	3	42.0	76.8	32.4	3.7	1.19
Jesse V. Zumstein	B3	110.2	92.8	28.2	4.2	1.18
Jesse V. Zumstein	B3	115.2	92.6	27.8	4.2	1.18
Walton Hackman	B2	81.0	86.2	25.3	4.5	1.15
Grim Bros.	B8	47.6	79.7	31.0	3.7	1.15
C Reinford & Sons	B3	83.1	77.3	30.3	3.6	1.10
Watershed Farm	G3	118.8	80.1	28.8	3.8	1.09
Franklin Schlegel	B3	40.0	78.8	30.9	3.5	1.08

All cows 500 pounds or more

OWNER	NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Merrymeade Farm	124	H	8-8	305	19,328	695
	70	H	5-2	305	17,907	636
	66	H	4-4	299	15,683	812
	49	H	3-6	305	17,726	628
	31	H	3-8	305	16,738	599
	55	H	3-10	305	17,690	705
	72	H	4-0	289	15,777	629
	62	H	4-0	305	21,797	776
	25	H	3-11	298	15,262	569
	51	H	3-2	305	15,003	532
	22	H	2-3	305	16,144	588
	12	H	2-1	305	14,314	557
	74	H	2-2	305	19,163	673
	96	H	2-2	305	17,657	536
	126	H	2-0	305	14,095	556
	28	H	2-2	305	16,259	566
	38	H	2-2	296	15,133	567
	50	H	2-3	293	14,721	566
Du Mar Farm	Hannah	H	8-7	264	17,704	728
	Petty	H	7-1	294	21,807	612
	Patsey	H	11-2	305	21,263	742
	Effie	H	4-9	305	22,774	758
	Twila	H	3-10	305	15,375	647
	Ivy	H	2-2	305	17,059	760
	Francis	H	2-2	305	17,462	552
	Ramona	H	2-0	305	16,074	606
John Nikerle	Joy	H	9-2	305	15,724	635
	Emma	H	8-2	305	22,463	743
	Rebel	H	3-6	305	14,683	581
	Sherry	H	3-9	305	17,288	696
Grater Brothers	Robby	G	7-6	305	13,986	545

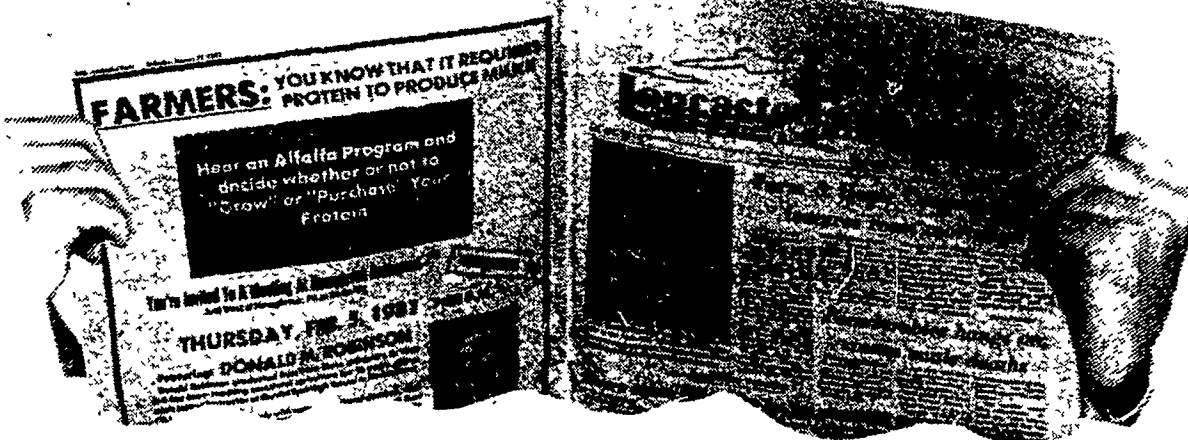
Lancaster Farming, Saturday, December 12, 1981—D13

Beatty	G	6-0	305	13,033	643
Van	G	5-9	305	12,549	571
Louise	G	4-1	305	14,403	614
Teddy	G	3-2	305	13,484	551
Watershed Farm					
B72	H	8-4	305	14,312	520
5	H	7-1	305	16,791	574
70	H	4-6	305	13,557	592
143	H	3-10	305	13,830	517
112	H	3-1	305	13,427	500
15	H	3-4	305	13,504	552
Alvin D. Delp & son					
Annette	H	4-3	305	18,187	719
Gigi	H	3-4	305	25,384	844
Walton Hackman					
Empress	G	12-1	305	10,953	506
W. Ellen	G	7-0	305	11,825	602
Kriebel Brothers					
Rebecca	H	7-10	305	14,913	502
Buster	H	6-9	305	15,112	556
Lucky	H	4-1	296	16,224	655
Correctional Industries					
O66	H	4-6	305	18,013	615
1133	H	3-8	300	21,158	718
1200	H	2-11	305	15,762	567
2006	H	2-0	305	13,308	503
411	H	2-0	229	13,298	553
2015	H	1-11	305	15,172	592
Walebe Farms					
Z101	J	7-6	305	19,474	583
Z112	J	7-0	305	21,001	863
Z121	J	10-0	305	17,338	822
Walebe Farm					
Z138	J	7-3	305	11,735	533
Z189	J	6-6	305	14,208	676
779	J	5-5	276	11,376	514
892	J	4-5	305	17,581	737
905	J	4-4	305	16,040	686
914	J	4-3	305	13,195	660
1723	J	3-2	305	11,773	541
1547	J	3-0	305	13,648	605
11	J	3-5	305	11,646	570
1631	J	2-0	305	9,764	520
1623	J	2-1	305	10,365	568
1856	J	8-1	305	15,696	703
1922	J	4-10	305	19,640	833
1935	J	9-3	305	17,588	749
1946	J	9-2	305	14,396	674
1926	J	2-11	305	12,204	586
Merrill Mest					
C25	H	8-8	305	19,414	810
D12	H	7-10	305	21,292	829
C14	H	7-5	305	18,596	798
D7	H	8-1	302	17,320	686
C4	H	4-10	305	23,771	781
C17	H	2-5	293	10,439	505
B28	H	3-3	305	12,525	534
C30	H	2-2	296	14,964	609
E. Jay Renninger					
56 C	H	6-10	305	19,743	724
159	H	7-2	303	17,865	644
93 C	H	5-3	305	17,207	639
80 A	H	4-3	292	18,550	615

(Turn to Page D14)

Here's What
You Get For
Less Than
15¢ A Week!

News!



- ★ **UP TO THE MINUTE REPORTS** on legislation, meetings and events of interest to the beef, hog, poultry and crop farmers, plus...
- ★ **DAIRY COVERAGE**...more dairy news in each issue than appears in any other weekly newspaper!
- ★ **DHIA REPORTS** from dairy counties in Pennsylvania and Maryland!

Our total farm coverage also gives you
**FEATURES...MARKET REPORTS...BEST
BUYS ON PRODUCTS & EQUIP-
MENT...FREE MAILBOX MARKET...and
much, much more!**

At LANCASTER FARMING, we think we
do a good job of keeping you in-
formed...and we have over 39,000 paid
subscribers who think so too!

Lancaster Farming

O. Box 366, Lititz, Pa. 17543
Phone
717-626-1164 or 394-3047



If you have fat
cattle or
need feeders...

**THINK
NEW HOLLAND**

BEEF SALES

MONDAY — 1:30 P.M.
THURSDAY — 11:00 A.M.

Sale Order - Fat Bulls, Steers, Stockers
and Beef Cows
Veal Calves - 4:30 Thurs.

NEW HOLLAND SALES STABLES, INC.
Phone: 717-354-4341

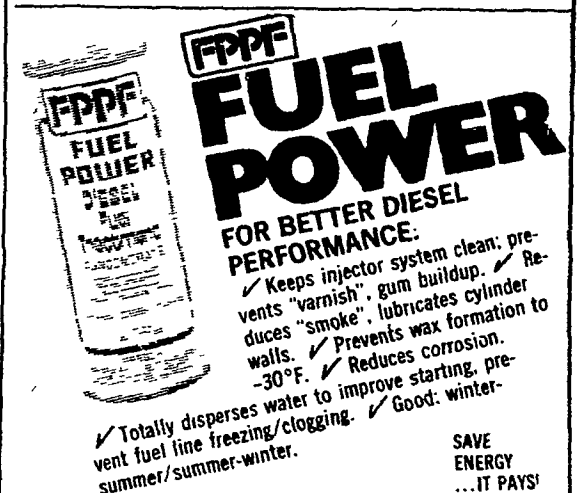
Daily Market Report - Phone: 717-354-7288
Abe Diefenbach, Manager
Field Representatives
Alan Diefenbach 717-656-9806
Luke Eberly 215-267-6608

MILLER DIESEL INC.

THE DIESEL SPECIALISTS

6030 Jonestown Rd. - Harrisburg, Pa.
717-545-5931

IS THE WAREHOUSE DISTRIBUTOR FOR YOUR
DIESELS BEST FRIEND



SAVE
ENERGY
...IT PAYS!

Montgomery Co. DHIA

(Continued from Page D13)

4 D	H	3-1	305	19,566	716	Glenda	H	5-11	305	20,140	832	Molly	H	6-4	305	24,108	1009
3 D	H	2-11	305	17,971	591	Trina	H	5-8	305	22,901	840	BGoogle	H	4-0	305	21,470	799
33 C	H	1 11	305	15,540	554	Ginny	H	5-3	305	20,869	718	Clyde Masemore	H	5-6	283	15,016	650
Charles Rhoads						Genny	H	4-5	305	20,588	767	99C	H	5-5	305	14,148	620
Jean	H	5-1	286	16,992	580	Rosanna	H	2-3	305	19,482	721	92 A	H	5-1	252	14,339	602
Mark A. Slater						Merrill G. Ruth						76 B	H	4-4	303	15,549	694
Pinepin	H	6-9	305	18,257	647	105	H	9-10	305	19,262	605	52 C	H	4-2	269	14,727	610
Battle	BS	5 0	305	14,832	593	73	H	8-9	305	19,388	612	58 B	H	3-3	305	15,033	604
Clark Yoder						96	H	8-6	283	17,425	554	38 B	H	3-0	305	16,916	729
Whirl W	H	5-6	288	18,575	668	33	H	5-2	305	18,681	697	Gehring Bros.					
Millie	H	4-4	305	18,573	612	38	H	5-3	305	22,501	698	Jane	H	4-2	296	20,004	730
S Horace Mowrer & Son						50	H	5-2	305	20,477	686	Marble	H	4-2	305	20,285	782
9 A	H	12-1	305	18,201	626	10	H	4-3	305	20,324	646	Minn	H	2-2	305	15,708	619
179	H	6 1	305	16,606	575	56	H	3-11	305	19,063	717	Hoffman Farms					
205	H	5-2	305	17,202	603	55	H	3-0	305	21,904	721	98	H	5-11	305	14,207	614
252	H	4-3	287	15,664	607	65	H	3-2	305	17,804	609	99	H	7-3	263	14,729	512
35 A	H	4-4	305	18,538	626	74	H	2-0	305	14,721	508	9	H	6-8	284	16,353	609
223	H	3-3	305	17,840	628	44	H	2-1	305	14,137	509	70	H	5-0	287	16,030	610
Gordon Moser						72	H	2-0	298	17,436	553	152	H	5-4	305	21,535	678
Inza	H	2-10	305	19,577	709	70	H	2-2	305	17,680	568	88	H	5-1	305	17,097	572
Dee	H	2-9	251	14,835	547	E N. Halteman & Sons						155	H	3-4	302	15,270	541
Norristown State Farm						Sue	H	5-3	291	16,277	620	171	H	5-3	269	14,274	644
A790	H	8-6	305	16,747	631	Star	H	5-2	302	17,537	695	57	H	5-0	305	12,767	536
NN 1	H	8-10	305	15,189	567	Molly	H	5-3	305	17,709	587	51	H	3-7	305	12,589	502
F 8379	H	8-4	293	16,121	645	Eva	H	2-1	302	17,290	525	120	H	4-3	305	16,106	677
NN 15	H	8-7	274	16,808	583	Lilly	H	2-0	305	15,109	502	49	H	4-4	280	13,940	619
RR 12	H	4-9	305	17,357	587	Nona	H	1-11	302	14,529	527	33	H	4-4	305	12,988	527
RR 7	H	4-10	305	17,838	608	Richard A. Bechtel						35	H	2-3	300	11,780	503
RR 27	H	4-8	305	19,419	760	46 Y	H	2-10	305	18,215	724	Andrew Schertel					
SS 7	H	3-9	305	14,896	539	27 Y	H	2-3	305	12,555	549	Ceil	H	12-11	305	15,481	639
TT 2	H	2-10	305	15,739	552	41 Y	H	3-2	305	18,177	684	Mickey	H	5-2	305	17,093	753
SS 44	H	2-11	305	15,038	666	32 Y	H	2-7	305	16,772	594	Smoky	H	4-9	289	12,799	576
George Seneko, Jr.						40 Y	H	2-9	303	13,915	520	Ada	H	4-3	305	15,724	648
Norma	H	8-8	305	16,480	566	Donald O. Kriebel						Mini	H	2-1	305	13,934	513
Tommie	H	5-4	305	17,644	747	14	H	10-9	305	14,288	559	Ronald P. Boyer					
Dolly	H	4-0	305	21,405	833	48	H	9-3	305	15,355	605	L 1	H	5-8	305	15,217	621
Jamie	H	5-3	305	20,649	758	26	H	6 0	264	13,647	505	L 20	H	5-9	257	16,286	653
Julie	H	3-3	305	18,483	694	5	H	4-8	305	14,600	505	L 15	H	2-2	305	15,671	581
Joann	H	2-11	305	13,984	565	J Harold Keener						David P. Longacre					
Mandy	H	2-1	305	21,533	718	Trudy	H	3-2	305	18,785	728	Jewel	H	6-8	305	26,423	934
Nancy	H	2-3	305	15,174	613	I Cream	H	3-2	302	17,461	614	Ruthie	H	5-11	305	21,039	887
Sweetie	H	2-0	305	19,824	757	Stronof	H	1-11	305	15,527	580	Inez	H	4-9	305	23,767	690
Curtis N. Kratz						Dkristy	H	2-0	305	16,132	639	Franklin J. Schlegel					
Barbie	H	7-9	305	15,058	628	Fred Seipt Family						Luann	H	7-10	297	12,141	500
Robert L. Freed, Sr.						Aetna	H	8-3	305	23,316	928	Susie	H	4-8	305	14,846	513
Apple	H	4-8	305	16,571	631	Molly	H	6-5	305	20,914	794	Hy-Vue Farms					
Hilda	H	4-10	305	20,529	728	Hobby	H	6-8	305	23,331	979	234	H	4-2	305	17,679	667
Paul S. Jones						Alice	H	5-10	305	19,325	739	168	H	3-10	305	19,664	763
49 A	H	8-2	305	15,858	604	Lady	H	4-2	305	18,817	745	816	H	2-11	305	20,385	624
Donald G. Stutzman						Jana	H	3-11	387	24,255	1108	838	H	5-0	305	24,827	854
186	H	4-6	305	22,569	801	Jifty	H	2-1	305	12,785	451	Irwin L. Ziegler					
Gay	H	2-6	305	15,875	588	Claude R. Bieler						Jenny	H	10-0	305	18,810	648
Harold K. Halteman						Snow	H	6-8	305	15,145	563	Jawn	H	8-1	305	19,833	776
Tina	H	6-8	305	26,562	880	Kenneth P. Schultz						7 UP	H	4-10	305	19,886	665
Pumpkin	H	6-1	305	16,787	627	5	H	5-6	264	15,397	604	Sally	H	4-7	305	20,791	753
Polly	H	5-11	305	24,255	808	52	H	4-5	305	18,950	726	Martha	H	3-10	305	13,549	521
						Stanley Fox						Paul W. Weaver & Sons					
						37	H	11-0	305	12,149	547	254	H	5-1	305	17,327	765
						100	H	9-4	305	14,699	507	278	H	3-11	3205	16,400	590
						14	H	2-11	305	14,906	500	Jesse V. Zumstein					
						Woodson Farm						Tick	H	9-2	305	12,959	568
						Julie	9	305	305	20,250	724						
						Marie	H	6-10	259	20,034	785						

(Turn to Page D15)

Ask For Your
Stauffer Diesel
Calendar

RENT-A-FUEL-SAVER DEUTZ (DX and 07 series) TRACTORS



Rent a new 07 or DX Deutz tractor by the week, month or year. Object of the program is to increase Deutz product exposure:

Rental benefits of program:

- ★ Opportunity to appraise a new tractor.
- ★ Short term commitment with low minimum hours of rental.
- ★ Possible income tax advantage; direct operating cost.
- ★ Rental fee convertible toward purchase.
- ★ Full factory warranty furnished with future purchase of rental tractor.

Offer subject to availability.

Call Harold Stauffer or stop in for full written details.

Stauffer Diesel Inc.

(717) 354-4181

NEW HOLLAND, PA

**FRANK A.
FILLIPPO, INC.**

— WANTED —
**DISABLED &
CRIPPLED COWS,
BULLS & STEERS**

**Competitive Prices
Paid**

**Slaughtered under
government inspection**

Call:
Frank Fillippo -
Residence - 215-666-0725
Elam Ginder - 717-367-3824
C.L. King - 717-786-7229

Stahl tops Somerset Co. DHIA for milk

SOMERSET — At the completion of Somerset County DHIA 58th year, George C. Stahl, Somerset turned in the top herd average for milk. Stahl's 63 head of grade Holsteins averaged 20,903 pounds of milk.

Reimandale Farm, Berlin, finished with high butterfat production of 793 pounds. Reimandale made the record with 58 head of registered Holsteins.

William Hunsberger's 4-year-old Holstein "Glad", finished with the high individual cow record for milk. The Davidsville Dairyman's Oakleigh Electron Harmony daughter turned in a complete record of 31,591 pounds of milk.

"Victory" a 6-year-old Holstein owned by North View Farm, Berlin, finished with the top individual cow record for butterfat. The P-A Longview Big Apple daughter completed the year with 1,450 pounds of milk.

SOMERSET COUNTY ANNUAL DHIA SUMMARY

Reimandale Farm	3	57.2	87.2	20,419	793
Lewis W. Berkley	3	65.1	88.2	19,312	771
Latus Brothers	3	80.0	88.4	20,508	767
Leon Knepper	3	87.6	87.0	19,717	762
Donald Glessner	3	39.0	90.8	18,693	755
Claradale Farms	3	73.2	86.8	19,725	750
George C. Stahl	G3	62.9	87.6	20,903	748
Sec Win Farm	3	74.2	91.1	19,383	736
Double-Ott Dairy	-3	31.1	85.7	17,754	729
Robert M. Bauermeister	3	89.8	88.7	19,273	727
Harry Mosholder	B3	30.1	94.9	19,642	705
Harold E. Miller	B3	61.3	84.7	18,496	698
Paul J. Pyle	B3	38.6	88.6	18,509	698
Dean E. Hillegas	B3	56.9	86.5	17,822	693
R. Taylor & L. Bittner	3	57.7	85.4	18,548	693
North View Farm	3	148.4	84.2	16,871	687
Frank S. Bocsy	B3	40.8	88.4	17,227	686
Wel-Lyn Farms	3	71.2	85.9	17,601	685
Cross Road Farm	B3	43.4	86.5	17,106	684
Gerald F. Carr	3	63.5	87.5	18,194	684
Kimder Farm	B3	60.7	90.3	18,759	683
William E. Hunsberger	B3	51.2	87.5	19,162	677
Zerin Dairy Farm	B3	86.0	84.2	17,108	677
Stoney Acres Farm	B3	47.7	87.9	16,193	673
Merle & Mark Mishler	B3	33.8	86.1	18,936	672
Timothy D. Clites	B3	36.4	85.9	17,172	668
Donna L. & K.W. Brant	3	51.4	89.4	18,054	665
Don R. Miller	B3	53.6	88.2	17,342	653
Urbadale Farm	B3	34.4	89.1	16,604	652
Paul & Dave Countryman	3	88.1	87.4	17,579	652
Clark E. Weyand	B3	57.0	91.3	17,621	643
James Mostoller	B3	54.9	86.1	17,020	642
George N. Baer	3	50.1	87.1	17,480	641
Milford Valley Farm	B3	49.3	87.0	16,688	637
William & Vera Shultz	3	44.2	86.1	17,170	636
Charles S. Wilcox	B3	69.9	88.8	16,461	629
Glenn E. Johnson	B3	63.1	92.6	16,475	628
Hillmont	3	81.5	87.4	16,675	627
Owen Stellingwert	B3	38.1	88.6	16,605	626
Lonnie D. Ream	B3	32.5	84.9	16,705	624
James W. Ringler	B3	55.5	85.8	16,688	623
Rocky Ridge Farm	B3	68.5	86.4	16,441	621
Wayne Schrock	3	56.4	82.8	17,558	620

Donald E. VanGilder	B3	66.1	87.8	16,993	619
William C. Blough & Son	B3	113.5	83.9	15,755	619
Elwood Yoder	B3	35.7	87.6	17,015	618
William D. Marteeny	B3	72.3	82.1	17,787	618
Farview Acres	B3	58.1	80.7	16,390	617
Strip View Farm	B3	38.7	82.9	15,728	616
Stonylake Farm	B3	47.5	87.4	15,775	615
Paul E. Yoder	3	38.2	87.1	16,163	615
Hillegass Farms	3	91.3	85.1	16,937	615
David Greenleaf	B3	46.8	86.0	16,352	610
Thomas Snyder	B3	46.8	84.5	16,590	609
Bar Val Farm, Inc	3	118.4	86.6	16,352	607
Loyetta Farms	G3	96.7	90.7	16,155	605
Charles E. Maust	B3	29.1	88.6	15,990	603
Vincent Flannery	3	118.6	86.2	15,321	592
Lloyd Lohr	5	33.5	89.2	13,390	591
Paul & Sharon Fox	B3	37.3	90.3	17,138	590
Evan L. Maust	B3	43.0	88.5	15,179	584
Rosetree Acres Farm	3	44.8	86.1	15,991	581
Robert D. Will	B3	64.4	87.1	13,878	580
Delbert & Ed Thomas	B3	85.7	88.4	15,252	576
Robert K. Knopsnyder	B3	44.7	83.9	14,952	572
Wincrest Farm	B3	59.7	89.2	13,862	569
Marvin E. Thomas	B3	49.7	86.3	14,913	568
Harveda Blair & Sons	B3	65.6	86.0	15,278	565
Pax-Terra Jim Paxton	3	22.5	89.9	15,995	558
Lewis E. Maust	B3	24.0	88.0	14,404	557
Tunnel Hill Farm	3	57.9	82.0	14,665	557
John Zehner	B3	62.4	87.6	16,060	556
S. Shaffer & D. Walker	B3	33.7	86.2	15,546	556
Snyder Brothers Farm	G3	63.4	85.7	14,287	551
Tice-Platz	B8	49.8	84.6	14,133	550
Robert Hillegass	B3	36.8	92.0	13,474	548
Ray R. Carver	B3	56.5	84.5	14,604	546
Arlen W. Maust	B3	13.1	87.8	14,732	543
James R. Hemminger	B3	52.5	86.3	13,879	540
Carl Walker	B3	54.3	88.9	14,688	538
Harold M. Shaulis	B3	56.0	86.3	14,391	537
A. J. Walker Farm	B3	51.5	85.9	13,996	535
Friendship Farms	B3	66.8	80.1	13,851	532
Larry Lohr	B8	91.6	88.8	14,033	530
Donald R. Hixson	B3	42.0	84.0	14,022	525
Harold E. Hay	B3	48.1	88.5	13,735	522
Somerset Farms	B3	49.6	85.8	13,860	521
Dale E. Leydig	B3	45.0	86.8	13,338	516
Royal W. Knepper	B3	60.3	85.4	12,858	513
Rupple D. Brant	B3	91.1	88.0	12,823	506
Willard Maust	3	47.3	78.3	14,155	502
K.W. & L.W. Saylor	B3	68.7	82.0	12,829	500
Annie Berzonski	B3	77.1	80.5	12,232	499
Samuel Holsopple & Sons	B3	35.4	87.1	13,836	497
Richard M. Webreck	B3	56.6	88.7	13,045	496
Emmert Weaver	G3	48.6	87.8	12,507	495
Glade Triangle Farm	B3	46.6	85.7	12,610	491
Hi Vue Farm	B3	44.7	86.3	12,546	491
Robert F. Shockey	B3	59.9	85.9	13,493	474
Jim Brocht	B3	58.6	82.4	12,200	470
T. Rich, Inc.	B3	130.2	74.9	11,603	462
Hays Park Farm	B3	70.8	90.2	12,247	461
Little Piney Farm	B3	42.5	83.5	11,624	436

Bernard McKenzie	B3	46.4	82.2	11,287	425
John P. Slobozien	B3	21.7	76.1	11,188	415
Mt. Davis Farm	B3	42.4	84.1	10,703	389
Dr. Edwin M. Price	G3	18.1	72.8	7,075	279

Montgomery Co. DHIA

(Continued from Page D14)

Pink	H	8-3	305	12,863	580
Sign	H	7-2	305	14,706	654
G 1	H	10-0	305	19,217	690
529	H	5-11	305	11,962	590
31	H	8-1	305	14,813	525
541	H	5-5	305	13,276	580
536	H	5-8	305	12,539	580
546	H	5-2	305	15,195	694
350	H	5-0	305	15,897	700
568	H	4-8	305	15,203	681
176	H	7-0	305	17,164	630
816	H	3-0	305	12,075	586
818	H	3-1	305	15,070	703
827	H	3-3	305	12,024	535
834	H	2-10	305	15,163	574
59	H	4-6	305	12,568	654
W.B. Saul High School					
Yvonne	H	2-0	305	18,302	623
Roy S. Kolb & Sons					
82 E	H	9-4	305	22,127	793
75 E	H	9-2	305	20,502	704
99 G	H	6-9	305	22,228	782
101	H	4-5	305	17,792	817
102 J	H	3-8	305	17,243	819
56 J	H	3-2	305	16,724	589
Daniel E. Kolb					
55 F	H	7-1	305	12,631	544
6 F	H	7-2	305	20,691	699
51 G	H	7-0	305	19,324	817
47 H	H	6-0	305	18,651	670
181	H	5-2	305	16,214	631
10 J	H	3-2	305	15,843	538
Edward N. Wisser					
20	H	4-6	295	17,898	646
33	H	3-2	305	15,839	563
Gordon D. Holl					
Cas	H	6-3	284	16,146	580
Terr	H	5-10	305	17,354	666
Thora	H	5-3	278	14,706	637
Thalia	H	5-4	305	17,987	597
Robert A. Hewitt					
Shortie	H	8-1	300	16,210	676
104	H	2-2	305	14,881	569
James Guntz					
10	H	5-1	305	14,311	589
18	H	3-0	305	17,509	622
George Bisbort					
26	H	8-2	281	14,896	579
148	H	5-2	290	15,552	630
100	H	3-2	268	14,747	543
119	H	2-9	305	17,694	690
118 A	H	5-1	305	18,680	655
C. L. Reinford & Sons					
54	H	7-11	305	16,041	640
121	H	4-3	292	16,163	714
134	H	3-6	301	14,153	524
136	H	4-5	305	17,316	645
168	H	3-9	305	14,135	573
171	H	2-10	297	13,931	551
149	H	4-1	305	19,524	759
John W. Meyers & Sons					
Sara	H	3-3	305	15,242	590
Ronald R. Johnson					
Sun F	H	13-1	305	18,071	622
Kate	H	4-6	305	18,247	718
Bubbles	H	3-4	305	19,210	637

Leb. ASCS convention coming Thursday

LEBANON — The Lebanon County Office of the Agricultural Stabilization and Conservation Service is holding its annual county convention to select three committeemen who will legislate local farm programs for 1982.

The committee makes many determinations during the year in

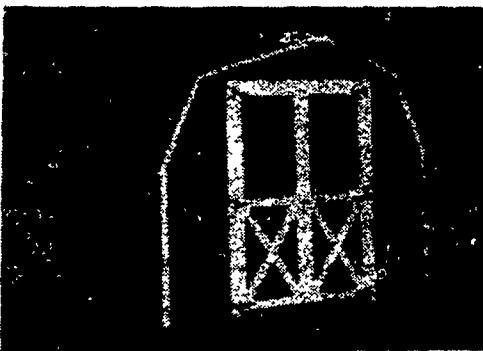
conjunction with National and State recommendations which regulate commodity price, production control, and the Agricultural Conservation Program on the local level.

The convention delegates were

elected by a mail ballot, and they will continue serving as representatives of their individual communities to the three member county committee. The convention will take place at Heisey's Diner, Route 72, Lebanon, at 10 a.m. on Thursday, December 17, 1981. It is open to the interested public.

GREEN TREE STRUCTURES

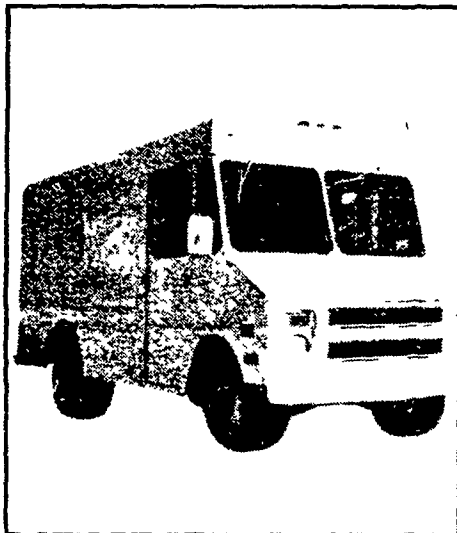
Box 351 B R#3
Quarryville, Pa. 17566
Write or leave message at 786-4036



**Built To Order -
Stock and Custom Designs**

- * Pressure treated 4x4 skids
- * 2x4 joist 16" on center
- * 5/8 underlayment plywood on floor
- * 2x3 studs 16" on center
- * 2x3 rafters
- * #240 shingles on roof in choice of 4 colors: Black, White, Brown, Green
- * 5 Standard exterior colors available Barn Red, Brown, Gold, Green, Gray
- * Awning Windows
- * Set on your prepared site

Free delivery within 25 miles of shop.



ISUZU

QUALITY DIESELS

ISUZU QD* Automotive Power

ISUZU QD* automotive engines power trucks, buses, motor homes and other specialized vehicles. So whatever your transport needs are, you can benefit with ISUZU power. ISUZU automotive engines meet all present emission standards and are light, dependable, 4-cycle, water-cooled, overhead valve engines.

Two Engines Available: 4 cylinder, 235 CID, 100 HP @ 3200 RPM
6 cylinder, 353 CID, 145 HP @ 3200 RPM

- Repower Delivery Trucks, Package Vans & Pickups.
- Approved for Class 2 (6100 # GVW) to Class 6 (26000 # GVW) installation.
- Fits manual or automatic transmissions. Over-the-counter or complete installation. Experienced personnel.

Stadco

POWER SYSTEMS DIVISION

NEW HOLLAND, PA 17557

Phone (717) 354-6050

Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster



Where can price information be obtained?

Along with the reports carried each week in Lancaster Farming, there are a variety of possible sources.

For cash prices, check with your local elevator. Or the local cash price may be regularly published in a newspaper or broadcast on farm market reports.

Futures prices are published daily in the Wall Street Journal and most major newspapers as well as many local newspapers.

Your local elevator manager may maintain a record of futures prices and be able to provide most or all of the information you need. (Be sure the quality of the grain in the cash quotation matches that specified in the futures contract.)

With a little research, you may even be able to construct basis records for the past year or two by obtaining local weekly prices from a nearby elevator and futures prices from the elevator, a commodity broker, or the grain marketing specialist of the Extension Service.

Because futures prices can, and sometimes do, fluctuate widely during the course of a single day, you will need to decide on some consistent method of choosing which futures price to record. Probably the best choice is the closing futures price for the day.

For example, if the March futures price on a particular day ranged from a low of \$2.18 to a high of \$2.26 and closed at \$2.25, use \$2.25 to calculate the basis.

How helpful are basis charts?

They can often be very helpful in that the basis — and, just as important, the basis pattern — can be seen at a glance. On the other hand, if a tabular record of cash prices, futures prices, and the resulting basis is easier for you to maintain and use, it will provide all of the information you need. The choice is up to you.

With very little additional effort, however, you may wish to keep both a tabular record and charts for those months which are of interest to you.

There are several ways to plot a chart and the only best way is whichever way is best for you. Three possibilities are worth considering:

Plot actual cash and futures prices on the same chart. The difference between them is the basis. This approach has the advantage of showing dollars and cents price levels as well as the basis. The disadvantage is that variations in the basis may not be as readily apparent.

Plot the local cash price in cents per bushel below (or above) the futures price. This doesn't show the actual level of prices, but it does reveal even the smallest fluctuations in the basis and basis pattern at a glance.

Plot the futures price in cents per bushel above (or below) the local cash price. This method has the advantage that the basis for several different futures delivery months can be plotted on the same chart.

THORNDALE — "We now have 573 paid-up members in the Chester/Delaware Farmers' Association for 1982," reported Janet Robinson, membership coordinator, Oxford, during the farm organization's kick-off rally held last week at the Thorndale Inn.

Why is a knowledge of local basis necessary in order to hedge?

A knowledge of basis is necessary in order to translate a given futures price into a probable price for local delivery.

They futures price minus the basis is, in effect, the price the futures market is offering for your grain delivered at a local elevator during a particular month. This process is known, appropriately, as "localizing" the futures price.

For example, assume that during December the March futures price is \$2.25. Because you would like to store your crop for several months but are concerned about the possibility of a price decline, you are considering protecting yourself against such a decline by selling a March futures contract. That is, by hedging.

First, though, you need to know what the March futures price of \$2.25 is likely to mean to you in terms of a price for your corn delivered locally in March. If you know that the normal basis in your area during March is about 25 cents, you can quickly calculate that the futures market is offering you approximately \$2.00 a bushel for corn to be delivered locally during March.

An ability to rapidly translate futures prices into prices for local delivery is essential in order to hedge effectively — and in order to decide whether and when to hedge. The more information you have at your fingertips about your usual local basis at various times of the year, the better equipped you will be to make the kinds of decisions that turn out to be right decisions.

Chester/Del. Farmers' Assn. kicks off membership campaign

"This is a larger membership sign-up than last year at this time," she pointed out.

Joyce Hershey, Cochranville, and Tom Merroth, Guthriesville, co-chairmen of the drive announced 834 members is the goal for 1982. They said they expect to exceed this by at least four percent.

Art Hershey, Cochranville, was the moderator for the rally. He introduced Mitch Edwards, Oxford, insurance representative; Eugene McDowell, Lincoln University, marketing specialist; Ed Taczanowsky, regional organization director; and Leon Wilkinson, Landenberg, legislative committee chairman. They listed some of the accomplishments of Farmer's Association for its members as well as accomplishments for the agricultural community.

Taczanowsky, pointed out that two percent of the population in the U.S. are farmers. "This means that ninety-eight percent of the population are free to work at whatever they choose. They do not have to grow their own food, produce their own cotton and wool," he said.

McDowell noted that there are now 130 certified retail farm markets across Pennsylvania.

"Through the efforts of the Pennsylvania Farmers' Association, these markets have been able to add supplies and other product lines for sale to retail

customers. These additional sales help the farmer's market become profitable enough so that they can stay in business," he said. "Over one and a half million dollars worth of Pennsylvania grown foods have been sold through these programs. Customers can purchase local grown produce directly from farmers at a savings," McDowell concluded.

Edwards told the group that the federal government is pushing crop insurance in connection with their government loan programs. He said that any farmer with \$150 or more of annual payroll must, by law, carry workmen's compensation insurance. Severe fines can result if this is overlooked.

"Because of our record keeping and documentation of the low loss rates that Farmers' Association members have, we have been able to obtain two successive premium reductions in workmen's compensation insurance rates.

These premium reductions have been of benefit to all farmers, not just to Farmers' Association member," Edwards noted.

Wilkinson outlined a number of legislative accomplishments and objectives that Farmers' Association is involved with.

Membership teams will be contacting farmers in the Chester/Delaware Co. area for sign-ups during the coming month. The final wrap-up meeting will be held in January.

IT'S MAGIC
How quickly
You Get Results
From Our
Classifieds!

PHONE
717-394-3047
or 717-626-1164



LAMBORGHINI...

the trouble-free Ag Type CRAWLER
with lower initial, operating and
maintenance costs

- ★ 3 models - 55, 65 and 75 engine h.p. both with dependable air-cooled diesel engines.

- ★ Lamborghini crawlers have independent (540) p.t.o., 8 speeds forward, 4 speeds reverse, 14" pads, 66" overall width, cold weather starting and heavy duty starter, as standard.

- ★ 3 pt. hitch, remote hydraulics

- ★ Lamborghini crawlers are manufactured by one of the oldest crawler mfrs. in Europe. Complete crawler and parts in stock.

LOADER & DOZER BLADES AVAILABLE FOR
ALL MODELS & ALL MODELS IN STOCK

LONG TERM LEASING
AVAILABLE THROUGH:

Agri-Lease

FINANCING
AVAILABLE

HEISEY FARM EQUIPMENT, INC.

Sales, Service and Parts

• Leyland & Same Tractors • Taylorway-Dunham • New Idea
• GT Dryers • Landoll • Dion

RD 1, Box 2294, Jonestown, PA 17038 Phone 717-865-4526

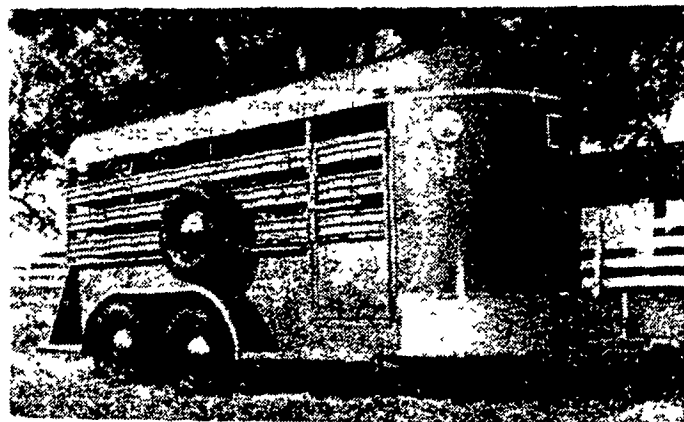
Located ½ Mile South of Fredericksburg Off Rt. 343 in Shirksville
Business Hours: 7 A.M. to 5 P.M. Daily; Sat. till Noon, Evenings by Appt.

FISHER AND STOLTZFUS TRAILER SALES

Call 717-768-3832 between 7 a.m. & 9 a.m.
or call 717-354-0723 after 6 p.m. East of New Holland, Pa.

8x20 Gooseneck flatbed
8x20 Gooseneck dump
trailer, 7 ton
capacity
16' Gooseneck used,
Feed trough &
saddle compart-
ment

6x16 Bumper Trailer
For Horses or Cattle
Small Trailers For Tractors



REPOWER With VM DIESEL

Harvesters, Haybines, Tractors, Cornpickers,
Balers, Hydraulic Systems, Corn Binders, Choppers



Diesel

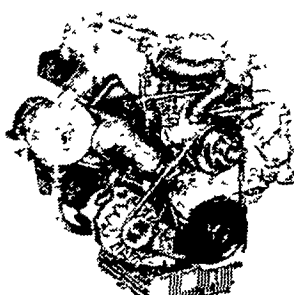
All New HR SERIES - Air Cooled - Oil Cooled - Water Cooled

USED DIESELS

- SR 2 Lister
- SR 3 Lister
- LR 1 Lister

- SL 3 Lister
- HRS 6 Lister
- Like New ST 3 Lister

- 1 Cylinder Deutz
- SV 195 - 14 H.P.
- 371 Detroit (SOLD)



WATER COOLED

QUEEN ROAD REFRIGERATION

Box 67, Intercourse, PA 17534

Phone: 717-768-9006

Answering Service - 717-354-4374

24 HOUR
SERVICE

Mifflin Co. DHIA completes 59th year

LEWISTOWN — The Mifflin County DHIA recently completed its 59th year with 91 whole-year herds and six Owner-Sampler herds.

The county's 4,821 cows on test finished with average of 15,708 pounds of milk and 588 pounds of fat.

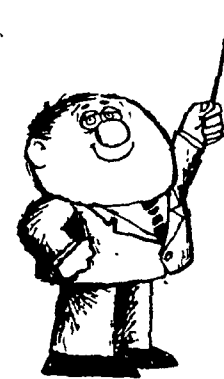
Robert Staybrook of Belleville, turned in the Association's top milk and fat figures. Staybrook's herd of registered Holsteins finished at 18,824 pounds of milk and 734 pounds of fat.

Officers for the Mifflin Co. DHIA are: President-James Byler; Vice President-Frank Hartzler; Secretary-John A. Yoder; Directors-David W. Yoder, G. Sheldon Peachey, Fred C. Myers, Vernon L. Kauffman, Louis S. Peachey, and Paul H. Yoder; Supervisors-J. Rick Glick, Amanda Hartzler, Randy Mayes and Sherri Morgan.

Robert Staybrook	RH	23.3	18,824	734
John Y. Bawel	RH	16.8	18,919	728
E. Clair Fisher	RH	40.5	19,357	726
John A. Peachey	R&GrH	55.2	19,518	699
Percey S&R Glenn Yoder	RH	76.8	18,971	699
David R. Spicher	RH	67.3	18,027	690
James L. Hostetter	RH	43.5	17,495	684
Mark S. Yoder	RH	84.4	16,621	681
Dry House Farm	R&GrH	92.8	18,002	680
Bradstead Farm	RH	35.8	17,890	673
Fred C. Myers	RH	23.0	15,874	666
G. Sheldon Peachey	RH	40.9	18,924	663
Merle E. Yoder	R&GrH	36.0	17,934	658
David W. Yoder	RH	62.6	17,892	654
Charles L. Forgy	R&GrH	41.8	16,694	649
Mark R. Yoder	RH	141.1	16,903	649
Leroy Kauffman	RH	53.5	17,383	646
J. Loren Yoder	RH	28.4	16,487	644
Bill & Carol Wingert	R&GrH	35.7	17,145	641
Peachey Farms	RH	67.7	17,073	640
Gideon L. Yoder	RH	37.3	15,856	640
John A. Yoder	R&GrH	38.9	17,346	635
Julia A. King	R&GrH	41.7	15,972	631
Floyd J. Yoder	R&GrH	27.9	17,472	630
Kore J. Peachey	RH	54.3	16,669	629
James G. Laughlin	RH	41.8	15,877	624
J.D. Glick	RH	36.3	16,220	624
Moses J. Zook	R&GrH	39.0	16,600	623

Joshua D. Yoder	RH	53.2	16,473	620
Louis S. Peachey, Jr.	RH	52.6	15,470	620
Irvin H. Fleming	R&GrH	96.2	16,667	618
John L. King	RH	42.0	16,111	617
Sylvanus S. Peachey	R&GrH	82.7	16,552	613
Nelson J. Bradford	RH	57.6	16,470	612
David T. Hostetter	R&GrH	49.4	16,235	610
Harold Aungst	R&GrH	122.1	15,927	610
Frank J. Hartzler	R&GrH	47.6	16,555	610
Paul H. Yoder	R&GrH	52.1	16,602	609
Audrey Gay Rogers	R&GrH	23.2	16,333	608
John K. Kauffman	R&GrH	70.1	16,866	608
Louis S. Yoder	R&GrH	45.9	15,963	606
Marvin R. Kanagy	R&GrH	43.5	15,939	606
John B. Peachey	R&GrH	68.8	16,864	604
Gary Moist	R&GrH	48.4	16,696	600
John M. Byler, Jr.	R&GrH	38.6	16,005	599
Joseph T. Hartzler	R&GrH	41.5	14,706	594
Ezra B. Kanagy	R&GrH	26.4	15,579	585
Simon J. Peachey	R&GrH	60.7	14,998	583
R M & Wm. R. Ammon	R&GrH	79.6	15,658	578
Enos J. Yoder	R&GrH	69.8	15,903	575
Joseph E. Kurtz	R&GrH	46.2	15,538	574
J. Elrose Glick	RH	36.4	15,177	574
Linus E. Sharp	RH	90.1	15,650	573
A. Fred King	R&GrH	34.8	14,988	573
Joseph Byler	R&GrH	64.2	16,042	571
Kore E. Yoder	R&GrH	48.6	14,958	571
Clarence Wagner	R&GrH	83.8	16,186	569
L. Marlin Yoder	R&GrH	53.9	15,689	568
Veron L. Kauffman	R&GrH	40.8	15,619	568
L.J. Dunmire Sons	RH	90.9	15,149	567
John T. Kurtz	R&GrH	48.1	15,835	567
David L. Mitchell	R&GrH	91.2	15,770	566
Jesse S. Yoder	RH	42.1	15,048	563
Hollo-Home	R&GrH	66.0	13,951	563
Kenneth J. Loht	R&GrH	36.1	14,797	560
James A. Spangler	GrH	33.8	15,314	559
David Peachey	R&GrH	63.8	15,476	551
James H. Allison	R&GrH	40.8	15,163	550
Delmar King	R&GrH	34.5	15,335	549

Leon K. Donahey	R&GrH	57.1	14,911	546
Stephen Zook Jr	R&GrH	59.6	14,797	540
James O. Reed	RH	30.9	14,261	538
Willard J. Peachey	R&GrH	58.7	13,485	535
Roger Parkes	R&GrH	63.5	14,653	534
Jacob C. Speicher	R&GrH	75.3	14,211	530
Joseph A. Byler	RH	31.5	14,357	525
Eugene J. Sunderland	R&GrH	59.7	12,602	509
Galen M. Kenep	R&GrH	45.5	14,708	509
Jonas B. Kauffman, Jr.	RH	78.2	13,253	494
Robert L. Plank	R&Gr Mixed	41.8	13,420	493
A. Herbert King	R&GrH	47.2	13,772	490
William S. Kenep	R&GrH	52.2	13,233	485
Chester M. Peachey	R&GrH	46.1	12,888	483
Marlin W. Peachey	R&GrH	32.3	11,477	469
Lawrence M. Martin	R&GrH	51.3	12,599	466
Bruce M. Grove	R&GrH	79.7	12,212	462
Raymond M. Snyder	R&GrH	39.8	13,058	457
Daniel P. Zook	R&GrH	43.1	11,853	442
Merle P. Sunderland	R&GrH	39.1	11,651	431
Vaunholm Farm	R&GrH	51.7	11,327	420



A LESSON WELL LEARNED...

Lancaster Farming's
CLASSIFIED ADS
GET RESULTS!

Phone: 717-394-3047
or 717-626-1164

(This is not a misprint)

Truck Size Tarpaulins

\$9.00

To earn the largest cash profit in our corporate history **GOODYEAR Tarpaulin Mfg., Inc.** is authorized to dispose of \$9,000,000 (nine million dollars) worth of heavy duty truck size covers and will ship the sizes below to any reader who sees and responds to this publication by midnight Jan. 5, 1982 for the appropriate sum plus \$3. handling for each tarp ordered. Each tarp lot # (Z18 PVC) is constructed from high density material nylon reinforced, double stitched rope hems. Seams are electronically welded (100%) waterproof, 1/2" dia. brass grommets set on 3 ft. centers with triangular reinforcement patches in the corners.

These tarpaulins are suitable for most all bulk and pallet riding materials. Should you wish to return your tarps you may do so and receive a full refund. No orders accepted after midnight Jan. 5, 1982. There will be a limit of 50 tarps per address. You may call toll free and charge orders to major credit cards, or mail this entire original notice with your name. Ship to address, tel. # and the appropriate sum plus \$3. handling and crating for each tarp ordered. \$50.00 credit card minimum.

GOODYEAR Tarp Mfg., Inc.
4107 Broadway South
Los Angeles, CA. 90037

© Copyright Goodyear Tarpaulin Mfg., Inc.

TOLL FREE (800) 421-5734

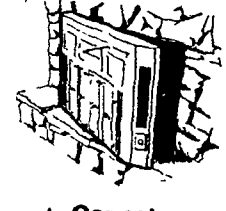
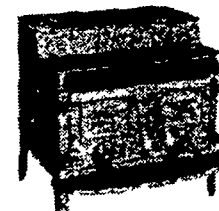
Call 7 Days Til Midnight

Have credit card ready

*8 x 10	9.00	26 x 26	59.00
12 x 16	19.00	14 x 48	63.00
10 x 20	21.00	26 x 28	69.00
12 x 24	27.00	20 x 40	73.00
16 x 20	29.00	24 x 36	79.00
20 x 20	33.00	20 x 50	89.00
18 x 24	35.00	26 x 40	93.00
20 x 24	39.00	26 x 55	119.00
12 x 46	49.00	30 x 60	149.00
18 x 32	53.00	50 x 100	469.00
20 x 30	55.00	60 x 120	639.00
	50 x 150	699.00	

ALL PRICES F.O.B. L.A. OR PREPAID ON \$750 OR MORE

S-T-R-E-T-C-H Your Dollar It Makes Sense



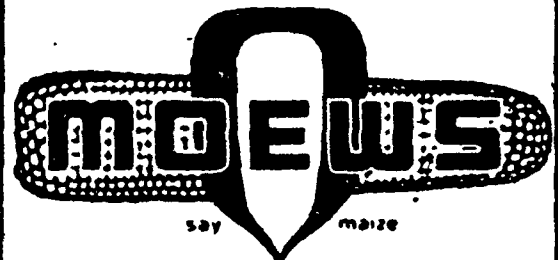
CHECK OUR END OF YEAR DISCOUNTS ON ALL MODELS IN STOCK

- ★ Conestoga
- ★ Hydro Heaters
- ★ Baker stoves
- ★ Free Standing
- ★ Inserts

J & A STOVES

3752 East Newport Road, Gordonville, PA 17529
Along 772 1/2 mile East of Intercourse
PH: 717-768-8913

WE HERE AT



MOEWS SEED COMPANY
Box 214, Granville, Ill. 61326
Phone 815/339-2201

Not only have lots of Waxy-Maiz Hybrid Seed Corn available for the A.E. Staley Company Contracts, Grain Farmers and the Livestock Farmers, we also have a complete line of Yellow Dent Hybrid Seed Corn.

We carry a complete line of Field Seeds. 2 alfalfa varieties, 3 clovers, Brome Grass, Orchard Grass, Maiz-Tim Timothy, Pasture Mix: Mix 10 and Mix 30, 6-Sorghum, Maiz Grain - Sorghum Sudan Grass, and Maiz-Chop-T a semi-sweet forage sorghum.

For More Information
Call or Write

GENE HAAS

District Sales Supervisor
4911 Bradley-Brownlee Rd.
Farmdale, Ohio 44417

Phone 216/637-0749 or 638-5023

Dealer Inquiries Welcomed

Dryness impedes grain sowing from Iberian peninsula to N. W. Africa

WASHINGTON, D.C. — Winter wheat is entering dormancy in most Northern Hemisphere crop areas, while dryness continues to delay planting of winter grains in parts of Spain and Portugal and northwestern Africa, according to a weekly report issued by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture.

Highlights of the report follow.

—USSR. Light rain and snow fell throughout most of European USSR. Heavier amounts were recorded in the Baltic States and North Caucasus. Overall, winter wheat is dormant to semi-dormant with some growth continued in area adjacent to the Black Sea and North Caucasus. Snow cover declined in the western winter grain area due to warmer temperatures. In northern areas of South Central USSR, wet weather may have slowed the cotton harvest.

—Europe. Winter grain sowing was further delayed by dry weather in Spain and Portugal, while cold temperatures and limited topsoil moisture was unfavorable to early establishment of the winter wheat crop in northern Italy. Beneficial rain improved subsoil moisture in winter wheat areas of Hungary, Yugoslavia and Bulgaria. Winter wheat in the north was forced into dormancy by cold temperatures while milder weather promoted early growth in northern Mediterranean grain areas.

—United States. Mild weather dominated the nation's mid-section, but unseasonably colder temperatures were reported over the East and the West. Seasonal storms maintained the snow cover in the northern wheat belts. Highly beneficial precipitation increased the snow pack in the higher mountains of the southwest. Final phases of the harvest were slowed by seasonal precipitation in many areas east of the Rockies.

—Mexico. Mild temperatures and abundant sunshine over most of the country favored development of west coast vegetables and

the harvest of corn, beans, sugarcane and citrus.

—South America. Mostly dry weather in southern Buenos Aires and La Pampa provinces of Argentina aided ripening of wheat to be harvested shortly. Locally heavy rain interrupted planting of sorghum and other crops in southern Cordoba and extreme northeastern La Pampa.

In Brazil, rainfall in northern Rio Grande do Sul probably interfered with the late wheat harvest. Scattered showers in most soybeans and corn areas kept topsoils moist, aiding emergence and early growth of soybeans and late vegetative growth of corn. Adequate soil moisture is available in Sao Paulo where warm, dry weather coincided with the beginning of the reproductive period for early-seeded corn.

—Australia. The wheat harvest is nearly complete in much of Queensland and well underway in northern New South Wales. The harvest is just beginning in other major wheat producing areas. Rainfall in the Northern Territory and much of Queensland, benefited spring-sown crops, pastures and sugarcane along Queensland's coast.

—Southeast Asia. Most rain fell to the south over peninsular Thailand, Malaysia and Indonesia. Weekly amounts were below average. Typhoon Irma damaged Philippine rice and sugarcane as it moved west over Camarines Sur province, passing to the south of Manila before turning north into the South China Sea.

—India. Relatively dry weather aided winter grain planting in Punjab, Haryana, Uttar Pradesh and Bihar. Harvest of cotton, groundnuts and autumn rice to progress with few delays.

—Eastern Asia. Dry weather in northern crop areas of China allowed final cotton harvest activity to progress with little delay, but dimmed sowing prospects for unirrigated winter grains areas of Hebei and surrounding locations. Also, cold temperatures in nor-

thern crop areas have forced winter grains into dormancy. Wet weather benefitted early growth of winter grains in the southeast interior but slowed harvest of late rice in southern coastal areas.

—South Africa. Widespread showers were beneficial for sowing and emergence of corn, now being planted. Topsoil moisture conditions have improved recently,

but additional moisture is needed, especially in southwestern corn areas.

—Northwestern Africa. Needed rain fell on winter grain areas of northeast Algeria and northern Tunisia, but dry weather continued over western Algeria and Morocco. Persistent dryness has delayed

planting of winter grains which normally begins in early November and continues well into December. In Morocco, they dry spell has also limited water supplies to some cities. Good December rainfall would still allow planting to begin and timely rains throughout the remainder of the growing season can still improve crop prospects.

PRV pilot programs possible

WASHINGTON, D.C. — Assistant Sec. of Agriculture, C.W. McMillan said that USDA officials will work with the swine industry to devise plans to combat and eventually eradicate pseudorabies, including development of pilot eradication programs.

A recent USDA cost-benefit study showed the disease is now costing the U.S. swine industry about \$34 million per year. Pseudorabies was reported in swine in 24 states in 1980.

It is a virus disease of swine and other animals. Young pigs affected with the disease usually die, while mature hogs may show little or no

signs of the disease. Pseudorabies is usually fatal when it spreads to cattle, sheep, dogs, cats and wildlife. It does not affect humans.

"USDA will work with the swine industry to develop pilot eradication programs in areas of several states to assess different methods of cleaning up infected herds and areas," McMillan said.

A group of authorities on this subject met recently at the headquarters of the National Pork Producers Council, in Des Moines, Iowa, McMillan said. The authorities included representatives of the swine industry and farm organizations, as well as

university and government scientists and veterinarians.

The group said eradication of pseudorabies should be national public policy.

The group also asked for additional research to improve and standardize diagnostic testing; develop better vaccines; and gain a better understanding of the epidemiology and latent form of the disease. It also called for industry consultation with USDA to make current interstate shipping regulations more equitable for all swine producers.



SENSENIQ'S SPOUTING

Rd 3, New Holland, PA 17557

- ★ Seamless Spouting in a variety of colors.
 - ★ Made on the job.
 - ★ New or repaired.
 - ★ Old style half round spouting
- Quality Workmanship
at Low Rates

FREE
ESTIMATES

717-354-4481
Nelson S. Sensenig

For An Aqua Blast Pressure Cleaning System

Demonstration at your location

write

Lawson Enterprises

Box 264

State Line, PA 17263

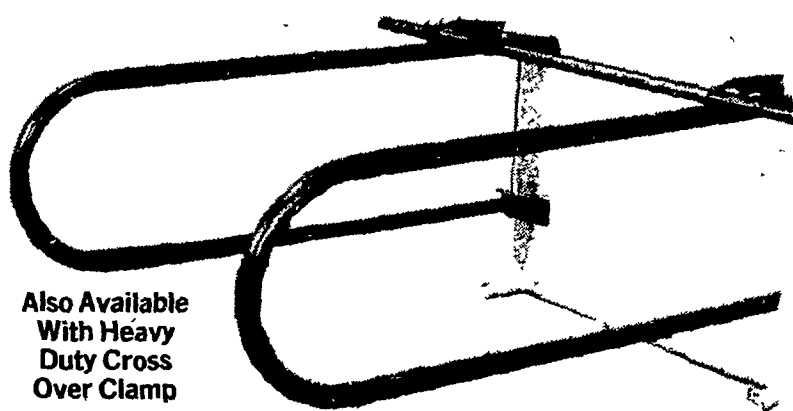
or call

301-797-5958

DEALERS WANTED

PAUL B. Zimmerman INC.

"T" LOOP STALLS With EASY LIFT TRAINING BAR Which Prevents Trapped Cow Problems



Also Available
With Heavy
Duty Cross
Over Clamp

Stall tubing 2-3/8 inches outside diameter, 12 ga. (.102) wall thickness, high yield steel, 75,000 p.s.i. tensile strength.

—ALSO AVAILABLE—

- Standard Free Stalls
- Gates (38" - 48" - 54" high)
- Fencing
- Automatic Head Gates high)
- Automatic Gate Latches

PAUL B. ZIMMERMAN, INC.

Hardware • Farm Supplies
Custom Manufacturing
Crane Service

Box 128 R.D. #4, Lititz, PA 17543
Wood Corner Rd.
1 Mile West of Ephrata
Phone: 717-738-1121

Coming...

SATURDAY, JANUARY 9 Lancaster Farming's Annual PA. FARM SHOW ISSUE

Featuring...

- ★ Special Farm Show Stories
- ★ DHIA Reports
- ★ Keystone Farmer Resumes
- ★ Complete Farm Show Schedule
- ★ And Many Extra Features

ADVERTISERS: Plan Now to be represented
in this Special Issue. Deadline December 31



Blair County DHIA Monthly Report

October 1981

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Dawn Baker	109.2	90.3	19,922	758
Dale W. Hoover	31.5	88.0	19,755	751
Raymond Diebold	32.4	91.8	20,397	737
Blackcrest Farms	66.0	89.6	19,329	731
Thomas W. Kelly	60.9	87.3	19,191	730
Lar Ann Farm	101.6	87.0	18,587	725
Dennis A. Smith	45.4	85.1	18,325	713
James Smith	39.2	92.4	19,663	706
Penn-England	74.8	87.4	17,699	704
Rodney L. Metzler	207.8	90.5	17,482	696
Charles & Mike Hoover	86.7	88.1	19,553	694
Revere Smith	47.5	88.1	18,158	690
William R. England	155.2	89.1	17,568	690
Robert A. Brumbaugh	82.8	85.3	16,043	684
Marcove Farm	65.1	85.8	17,671	678
G.W. & R.G. Baker	71.9	90.2	18,450	678

HIGH COW

The high cow for the month is a registered Holstein in the Dawn Baker herd. Cow #238 produced 30,734 pounds of milk and 1141 pounds of butterfat in 305 days at 5 years and 10 months of age. A fine record!

Individual cow records of 305 days or less over 700 pounds butterfat.

OWNER NAME OR NUMBER	BREED	AGE	LBS. MILK	% FAT	LBS. FAT
Burket Homestead Farm	GH	5-9	19,610	3.9	769
Over Lane Farms	GH	4-4	17,978	3.9	704
James Smith	GH	3-7	18,237	4.0	725
Ilene Patsy	GH	8-2	20,065	4.7	940
Mary Walters	RH	3-2	18,761	4.2	792
CBC/914	RH	3-0	18,814	4.0	756
Joe McCutcheon	GH	5-1	20,710	4.4	921
Millie Steel Farms	RH	5-9	21,790	3.8	823
20	GH	4-5	18,905	4.0	765
Penny	RH	5-9	23,110	3.6	826
Bea	RH	4-7	19,058	3.8	720
39	GH	3-4	19,574	3.9	758
Curryview Farms	RH	7-6	18,427	3.8	703
Becky	RH	5-10	19,448	4.1	805
Rich Lou Farms	RH	10-6	21,184	3.4	721
Mist 7	RH	5-9	18,011	4.4	797
Miss	RH	6-1	20,455	3.8	778
Pearl	RH	4-5	23,373	3.6	833
Petunia	RH	2-0	17,031	4.3	738
Madge	RH	6-11	20,465	3.5	712
Dale W. Hoover	RH	8-4	24,729	3.8	947
Lady	RH	5-2	23,937	3.2	771
Holly	RH	4-1	25,660	3.3	835
Tillie	RH	7-1	24,822	3.6	894
Kin	RH	3-11	21,120	4.1	876
Lois	RH	2-0	17,835	4.2	746
Sue	RH	8-1	19,399	4.5	882
Nicki	RH	4-5	21,759	3.4	737
Clover Will Farms					
41					
11A					

Lancaster Farming, Saturday, December 12, 1981—D19

35A	GH	4-1	19,816	3.8	752
12B	RH	2-11	21,307	3.7	785
Harold Yingling	GH	4-1	16,874	4.2	707
5Carl					
Oswald Bros					
Hillary	RH	6-9	20,627	4.0	826
Happy	RH	5-1	17,978	3.9	700
Sun-Smith Farms					
576	GH	4-2	18,375	4.3	798
588	GH	3-1	17,508	4.5	789
Marcove Farm					
Tilly	RH	6-11	22,769	3.3	759
Kenneth Brubaker					
20	GH	8-8	21,390	3.5	752
Burket Falls Farm					
516	RH	8-6	17,696	4.0	710
Jill	RH	9-1	20,008	3.8	760
502	RH	8-8	22,109	3.7	821
Emile Dilling					
14	RH	8-1	19,753	3.6	717
91	RH	5-7	19,964	3.5	704
53	RH	5-2	20,366	3.5	722
95	RH	4-11	20,838	4.1	849
105	RH	4-10	22,102	3.5	774
106	RH	4-8	19,967	3.6	712
153	RH	3-1	22,403	3.5	788
157	RH	3-0	20,359	3.7	747
Dennis A. Smith					
Lue	RH	3-9	18,536	4.1	751
Peewee	RH	2-11	18,479	4.0	735
Beth	RH	2-10	21,751	3.4	732
Gerald Burket					
Elsie	GH	8-2	20,179	4.1	828
Bev	GH	6-3	21,643	3.4	728
Cole	GH	4-1	16,097	4.5	728
Fred Bechtel					
Trixie	GH	8-6	19,062	3.8	728
Evelyn	GH	7-11	18,368	4.0	734
Sparkie	GH	5-2	17,258	4.2	730
Valarie	RH	2-4	18,879	3.8	720
William & Larry Baker					
23	GH	8-3	19,624	3.9	761
44	GH	3-7	16,878	4.3	719

(Turn to Page D20)

INVENTORY CLEARANCE SALE

Nov. 25
Thru
Dec. 31

CASH & CARRY SPECIALS

10% off ALL Machinery & Tools in Stock

GENERAL
ROCKWELL
POITRAS

EVERYBODY
LOVES

Sprunger
POWER TOOLS

POWERMATIC
JET
EMERSON

20% OFF Makita List Prices

PLUS THESE SPECIAL DEALS:



Makita Model 9501 BKIT
4" Sander Grinder Kit
DOUBLE INSULATED

- Compact, lightweight and most versatile for heavy industrial use and home use
 - Compact one hander with AC/DC lock-on switch
 - High speed rotation for efficiency and beautiful finish
 - Weighs only 4 lbs
 - All kinds of jobs with different accessories
 - Side handle available
- STANDARD EQUIPMENT
1 grinding wheel, wheel guard, flange, lock nuts, wrenches, sanding disc, rubber pad

\$79.95



Makita Model B04520
4" Round Pad Finishing Sander, Heavy Duty
DOUBLE INSULATED

- Ideal for cabinet makers and auto bodyshops, etc
 - Uses a standard 5" pressure sensitive sand paper, which sticks to base on contact
 - 6" round, and 4" square pads, are available
 - Handy palm grip type for spot work
 - All ball bearing construction
 - Nice balance and weighs 2.4 lbs for less user fatigue
- STANDARD EQUIPMENT
Sand papers, rubber pad

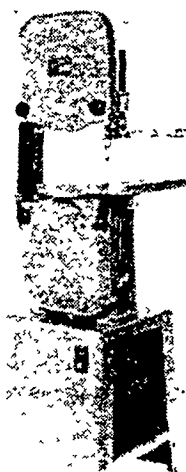
\$51.95



Makita Model B04510
4" Square Pad Sander
Finishing Sander Heavy Duty
DOUBLE INSULATED

- Good for heavy duty applications of cabinet shops, auto body shops, etc
 - Compact, light weight (2.4 lbs)
 - 12,000 RPM super smooth sanding
 - Downsize design enables easy palm-grip handling and positive control
 - Flush sanding on all 4 sides
 - All ball bearing construction for heavy duty industrial applications
- STANDARD EQUIPMENT
1 abrasive paper

\$49.95

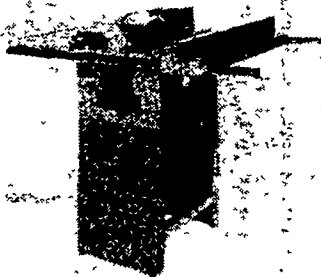


JBS-14

JET 14" VERTICAL BANDSAW
SPECIFICATIONS: JBS-14 Stock Number 708514 Model Number JBS 14 Cutting Capacity 6" Saw Blade Min. 1/8" Max. 3/4" Saw Blade Length 93 1/2" Table Size 14"x14" Table Tilt 45°xR 10°xL Dimensions (Overall) 65 1/2"H 24 1/2"W 19 1/4"D, Motor (1725 RPM), 1/2 HP, Sgl Ph 115/230 V (Pre-wired 115V), Net Weight lbs (approx.) 201, Shipping Weight lbs (approx.) 208

\$389.90

JET L-80 TRIPLE SPUR 1 TON GEAR CHAIN HOIST, 10' LIFT
\$99.75



JTS-10

JET 10 INCH CONTRACTORS TABLE SAW WITH EXTENSION WINGS

SPECIFICATIONS: JTS-10 Stock Number 708510, Model Number JTS 10, Cutting Capacity 3 1/8" Saw Blade Diameter 10", Table Size 20"x20", Overall Dimensions 34 1/2"H, 40"W, 30"D Recommended Motor 1 1/2 HP New Weight (approx.) 195 Shipping Weight (approx.) 210

\$469.95

BLUE BALL MACHINE WORKS

Box 716, Rt. 322

Blue Ball, PA 17506

717-354-4478

SAWDUST

LOADED ON YOUR TRUCK AT OUR SAWMILL
or

WE'LL DELIVER TO YOU
LOADS 20 OR 40 CU. YD.

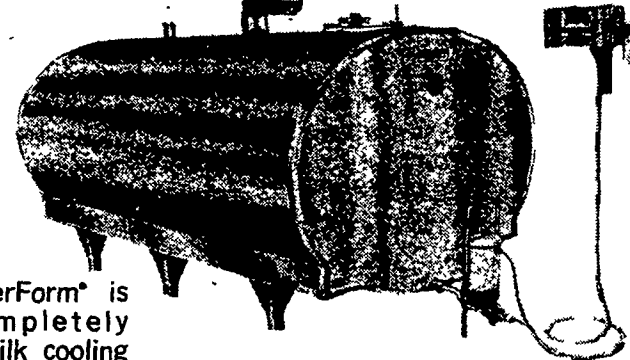
ZEAGER
BROS. INC.

4000 EAST HARRISBURG PIKE
MIDDLETOWN
PENNSYLVANIA 17057
717-944-7481

"THE TIMBER PEOPLE"

YOUR MILK QUALITY GUARDIAN...

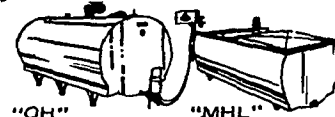
MUELLER
HiPerForm



Mueller HiPerForm* is the completely automatic milk cooling system for progressive dairymen. Durable

HiPer-Form Model "OH" and "MHL" Milk Coolers feature large-radius corners and smooth stainless steel welds for easy cleaning. Cooler capacities range from 300 to 6000 gallons. With the flip of a switch, Mueller-Matic* Automatic Washing System cleans the cooler interior with jet-spray wash and acidified rinse.

Ask us for details on HiPerForm milk coolers.



USED TANKS
300 Gal. & Up

FOR MORE INFORMATION, CONTACT:

MARTIN'S REFRIGERATION SERVICE

1122 Woodstock Road Fayetteville, PA 17222
Phone: (717) 352-2783
SALES & SERVICE

Blair Co. DHIA

(Continued from Page D19)

Blackcrest Farms					
62B	RH	9-5	20,009	3.8	756
96B	RH	7-1	18,775	3.8	721
Sheldon Fleck					
Mandy	GH	4-5	23,115	4.1	946
Richard R. Fox & Sons					
Whittie	GH	5-5	17,293	4.1	715
Janice	RH	5-0	23,632	3.7	880
Carrie	RH	3-1	18,494	4.0	748
Dar Wil Farms					
16B	GH	4-3	16,683	4.5	744
Robert A. Brumbaugh					
1912	GH	5-7	19,792	4.4	869
C. Eugene Smith					
Myrtle	RH	3-8	22,762	3.5	787
Tilly 70	GH	7-8	20,815	4.0	832
55	GH	5-3	18,233	4.0	727
29	GH	5-5	18,273	4.0	735
73	GH	5-2	19,617	4.0	776
74	GH	4-6	21,833	3.9	844
Cove Valley Hol. Inc					
31	GH	6-5	20,940	3.7	768
67	GH	6-2	21,496	3.3	718
1912	GH	5-5	29,651	3.3	972
Lady	GH	5-3	18,643	3.8	701
Tina	GH	4-2	24,737	3.1	766
William R. England					
89A	RH	6-5	19,560	4.0	791
Gem	RH	5-0	21,552	4.1	879
66B	GH	5-0	21,954	3.2	708
69B	RH	4-10	20,735	3.5	733
5C	GH	4-1	19,962	3.7	738
Aldon-Acres					
Snip	RH	8-8	17,980	3.9	709
Jodi	RH	6-0	18,147	4.0	730
George D. Smith					
123	GH	3-2	21,514	3.4	734
Dawn Baker					
238	RH	5-10	30,734	3.7	1141
267	GH	5-2	21,111	4.2	881
269	GH	5-5	22,847	3.4	786
339	GH	3-6	20,070	3.6	720
393	RH	2-7	17,628	4.1	716
Elwood H. Stitt					
Top	RH	3-6	16,231	4.4	707
John Morrow					
Rosalie	RG	3-8	13,490	5.5	736
Rodney L. Metzler					
166	GH	7-4	19,291	4.3	831
106	GH	7-2	22,617	3.7	830
98K	RH	4-7	19,717	4.0	791
5K	GH	9-2	19,887	3.6	724
91K	GH	6-8	22,258	3.9	879
Lar Ann Farms					
Sadie	RH	5-6	22,389	3.7	827
Kitty	RH	6-3	21,505	3.7	797
Natasha	RH	3-1	21,007	4.1	857
Thomas W. Kelly					
Betty	RH	5-10	20,021	3.9	782
R. Ernest Kensing					
41	GH	4-0	18,801	4.1	778
Noah S. Zimmerman					
Cindy	GH	4-4	25,550	3.6	909
Joyce	GH	10-1	18,099	4.4	792
Raymond Diebold					
Red	GH	8-0	19,374	3.7	723
Retard	GH	4-6	21,986	3.7	821

Beardsley tops Warren Co. DHIA

WARREN — Pittsfield dairyman Floyd Beardsley topped the Warren County DHIA's 58th year with the high herd of 18,187 pounds of milk and 684 pounds of butterfat.

In addition, Beardsley's aged cow, "Boots," a Bootmaker daughter turned in the highest production average at 26,289 pounds of milk.

M and M Ludwick Farms of Sugar Grove had top cow for high butterfat. Ludwick Farms' aged grade Holstein, an Apollo Victor daughter, finished with 1,046 pounds of butterfat.

Two other Sugar Grove dairy farmers were also honored. Steve and Sheryl Vanco recorded the most improvement in butterfat production. The couple increased their butterfat production by 46 pounds from last year.

The annual report of the Warren County DHIA included 44 whole-year herds of 2,181 cows on test, which averaged 14,169 pounds of milk and 530 pounds of butterfat.

D & R. Sollenberger					
22	RH	3-5	20,894	3.5	737
Garry D. Kensing					
133	GH	3-8	20,231	3.5	713
Walter Keller					
184	RH	6-10	20,513	3.6	738
321	GH	7-7	18,614	4.0	742
Mark Slagenweit, Jr.					
Helen	GH	6-2	18,648	3.9	720
Charles & Mike Hoover					
Twister	GH	5-7	20,206	3.8	763
Susie	GH	2-0	17,997	3.9	704
Bradley Sollenberger					
Myrtle	GH	5-1	21,296	3.9	824
Revere Smith					
Curley	GH	6-0	17,064	4.3	741
Barb	GH	4-3	22,566	3.6	805
Lesa	GH	4-1	19,123	4.0	769
180	RH	5-4	17,746	4.1	726
Pam	GH	3-1	18,931	3.8	712
K. Wayne Burket					
140	GH	4-3	17,637	4.1	722
Sollenberger Farms					
85	GH	7-4	18,639	4.0	740
111	GH	5-1	15,154	4.9	749
154	GH	3-7	17,070	4.4	746
Penn-England					
Crissy	GH	4-4	20,575	3.9	807
Robin	GH	3-11	20,315	3.9	799
Marcia	RH	3-8	19,980	3.8	765
Garland	RH	3-2	19,588	3.9	771
Susie	RH	3-3	19,325	3.7	711
Margie	RH	3-9	24,147	3.6	865
E.P. & D.L. Stonerook					
Sugar	RH	5-9	20,725	3.9	800
Byron & Randy Huntsman					
2	GH	7-11	18,662	4.2	787
Aden Troxell					
Babe	RH	5-3	26,510	3.7	994
Mt. View Farms					
68	GH	4-6	21,200	3.6	766
Carl Smith					
97	GH	5-0	17,979	4.3	772

Floyd Beardsley					
Gla Don Farms					
Edge Grove Farm	B3	28.3	38.4	17,113	638
Richard Harrington	B3	20.7	93.4	17,085	630
Steve & Sheryl Vanco		41.7	85.7	17,417	627
Ran-Dell Farm		46.8	87.7	16,060	626
Poverty Hill Farms		44.8	85.8	16,499	605
Pine Ton Farms	B3	105.8	89.6	16,495	602
Donald Ekey	B8	56.3	88.4	15,517	586
Willard Hitchcock	B3	31.6	86.3	15,517	586
Leroy N. Stoddard	B3	34.5	89.6	16,501	579
Lindell Bros.	B3	72.1	87.2	15,591	576
Dennis E. Lundmark	B3	21.5	85.9	14,546	575
Sunrise Ridge Farms		46.6	90.0	15,780	570
B. & S. Lindell	G3	63.8	87.6	15,499	570
Hi Land Vu Farm	B3	96.2	84.1	15,364	564
R. & D. Lindell	G3	67.0	89.6	16,255	553
Darrell Johnson	B3	24.4	96.7	14,818	550
John Brown	B3	43.5	83.2	14,937	536
Lawrence Miller	B3	34.2	88.1	13,693	523
Walter A. Kibbey	B3	30.5	86.6	13,978	521
Raymond Lawson	B3	83.9	84.2	15,256	521
Clifford Cable	G3	52.7	88.8	13,071	520
D. & A. Ludwick	B3	49.1	85.2	15,070	517
Sugar Lott Farm		35.8	82.5	13,835	515
Robert Gilkinson	G3	33.9	85.0	13,537	507
Elmview Jersey Farm		169.9	89.4	10,714	506
Dave Sekerak	B3	51.6	84.2	15,111	505
Alan & Judie Clark	B3	38.8	83.8	14,031	500
M & M Ludwick Fms	B3	87.2	87.0	13,922	498
Donald R. Johnson	B3	41.8	85.9	13,413	494
Jack & Gale Lindell	B3	23.9	88.6	14,141	491
Lester Peterson	G3	30.0	84.0	12,873	488
Agra Vation Acres	G3	40.3	81.7	13,319	487
Willison Kellogg	B8	39.2	87.7	12,167	486
John Woodin	B3	22.3	82.2	12,640	473
Stanley Hitchcock	B3	33.5	85.7	12,760	471
Doud-Hill Farm	B3	89.0	87.4	11,632	465
Robert Collette	B3	29.5	82.7	15,397	463
Abplanalp Dairy	B3	37.4	86.7	12,020	451
J. & M. Donaldson	B3	48.2	83.6	11,791	444
Morton Bros.	B3	82.2	85.4	12,003	430
Fred & Deb Lucks	B3	34.9	84.6	12,195	429
Ronald J. Gruber	B3	36.0	85.4	9,315	341



Gardeners!

Save Time, Energy and Frustration...

See for yourself how much joy gardening can be with a Troy-Bilt Roto Tiller-Power Composter. Easily prepares a beautiful seedbed, builds better garden soil and makes Summer cultivating a breeze. Handles so easily, you simply guide it with just one hand. So make this year's garden the best ever...

...with a
TROY-BILT® Tiller!

ASK ABOUT OUR
LAYAWAY PLAN
MONTHLY PAYMENTS TO
FIT YOUR BUDGET - DO IT
NOW BEFORE
PRICE INCREASE



All models in stock,
full parts and service

Hollinger's FARM MARKET, INC

TWO CONVENIENT LOCATIONS:

1755 W. Main St.
Ephrata, PA 17522
Located on Route 322
Phone (717) 738-1131

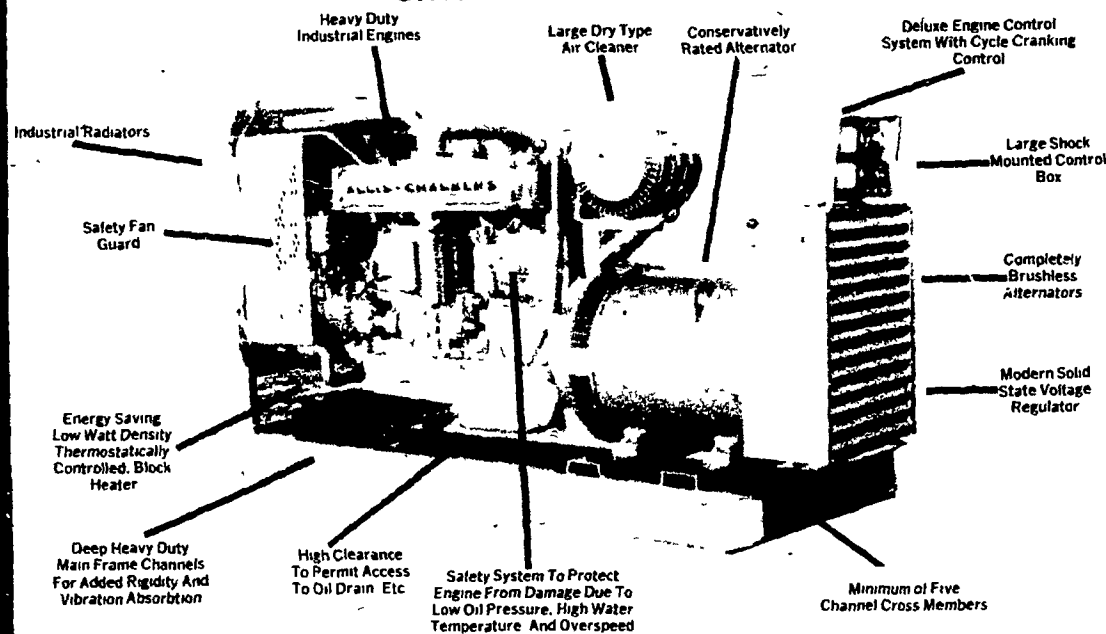
222 E. Main St.
Campbelltown, PA 17010
Phone (717) 838-6021

MARTIN MACHINERY

Emergency or Prime Power Systems from 1 to 1000 KW
Balanced Design to Give You Peak Performance For Your
Applications:

Farm - Industrial - Commercial - Residential

Check These Features:



**24 Hour Emergency Service by
Radio Dispatched Service Personnel**
OPENINGS FOR DEALERS IN DELAWARE, MARYLAND
& PARTS OF PENNSYLVANIA

MARTIN MACHINERY

P.O. Box 35, Martindale, PA 17549
215-445-4800 or 267-7771

For Free Literature or Demonstration,
Send This Coupon

Name _____

Address _____

Phone _____

Martin Machinery
P.O. Box 35
Martindale, PA 17549

Adams Farmers Assn. opposes bank mergers

Lancaster Farming, Saturday, December 12, 1981—D21

GETTYSBURG — Merging banks and statewide banking were the topics of discussion at the Adams County Farmers' Association directors' meeting. The directors met last Thursday evening at the North Branch of the Adams County National Bank.

By a unanimous decision, the board voted to support bi-contiguous banking in Pennsylvania and expressed strong opposition to statewide banking.

"The board feels that a statewide banking system would not be advantageous to the farmer," reports spokesperson Mabel Bream. "It would reduce the personal attention of bankers to all local financial problems."

Another topic of discussion was consumer education and the fact that the public is not sharing the farmers' concerns. "A television newscaster recently reported that it was great that the price of food

was coming down. We farmers feel that all consumers must recognize the source of their food and the problems facing that source," Bream states.

"Since the population increases every day and the amount of farmers decreases, each farmer becomes more important each day. Never have so many people been so dependent on so few farmers."

The board expressed its concern

over farm news being segregated on a special page in local newspapers. One director stated that just as he passes over the sports sections, so the non-farmer consumer will bypass the farm page. Consequently the consumer education purpose is lost.

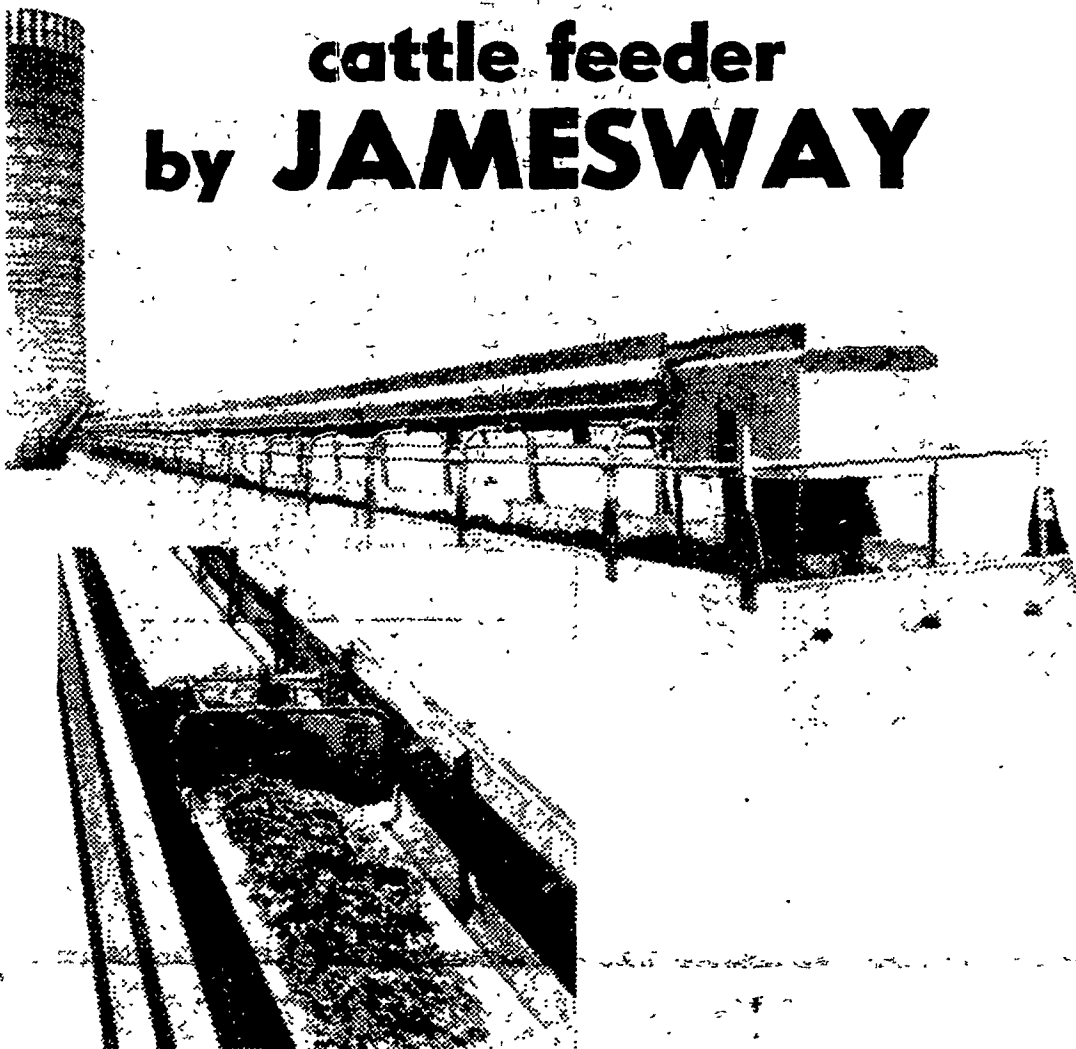
The County's directors an-

nounced the annual spring meeting will be held on March 16. Robert Wilson, a member of the American Farm Bureau staff, will be the speaker.

Adams County Farmers' Association has 569 member families.

YULETIDE GREETINGS

CONVEY-N-FEED® cattle feeder by JAMESWAY



Unmatched capacity

The new Convey-N-Feed feeder is both an end-load conveyor and a single or multiple lot cattle feeder in lengths up to 300'. The 14" wide concave belt model carries 27% more feed than a flat 16" wide belt feeder. The 18" wide concave belt model carries more than twice as much feed as a flat 16" wide belt feeder.

It's worth more than you realize . . . costs less than you think.

See us for systems and service that help make the good life better.

AGRI EQUIPMENT INC.

2754 Creek Hill Rd.
Leola, PA 17540
717-656-4151

I. G. SALES

Rt. 113, Box 200
Silverdale, PA
215-257-5135

G. HIRAM BUCHMAN, INC.

Rte. 519 - N. off Rte. 46
P.O. Box 185
Belvidere, NJ 07823
201-475-2185

GEORGE A. COLEMAN

Rt. #2, Box 216
Elmer, NJ
609-358-8528

DEPENDABLE MOTORS

Honey Brook, PA
215-273-3131
215-273-3737

HENRY S. LAPP

RD1, Cains, Gap, PA 17527
717-442-8134

HARRY L. TROOP

Rt. 1 Cochranville, PA 19330
215-593-6731

ERB & HENRY EQUIP., INC.

22-26 Henry Avenue
New Berlinville, PA
215-367-2169

BENNETT MACHINE CO.

1601 S. Dupont Blvd.
Milford, DE
302-422-4837

ROVENDALE SUPPLY

RD 2, Watsonstown, PA 17777
717-538-5521

SOLLENBERGER SILOS

RFD 2, Chambersburg, PA
717-264-9588

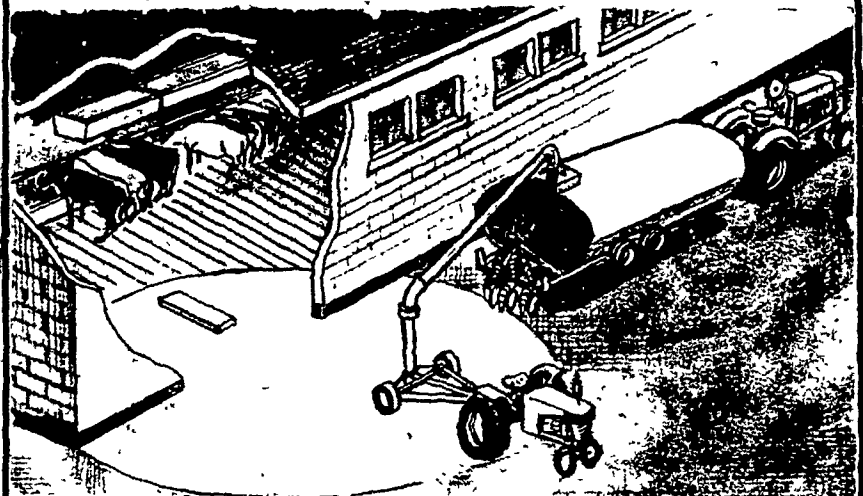
J. A. SWOPE

Box 121, RD1
Myerstown, PA
717-933-4758

DETWILER SILO REPAIR

Rt. 2, Newville, PA
717-776-7533

UNDERGROUND LIQUID MANURE SYSTEMS



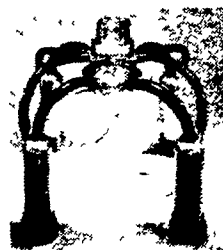
- * Eliminate manure stacks for cleaner and neater appearance
- * Eliminates breeding places for flies and insects
- * Eliminates odor with underground manure storage
- * Above ground systems also available * ASCS APPROVED

MAR-ALLEN CONCRETE PRODUCTS INC.

RD 2, EPHRATA, PA 17522 PHONE: 717-859-3354
IF NO ANSWER 717-687-6732



NU-PULSE MILKING SYSTEMS



Nu-Pulse
Milking Unit



Nu-Kool Cooler



"Nu-Heat"
Energy Saver

Our dealers offer a complete line of buckets, pipelines, parlors, heat recovery units, bulk tanks & a complete detergent line.

We're Ready For You!

Keystone Nu-Pulse

Cochranville, PA 19330
215-932-4700

Authorized Dist. for PA, DEL, MD. & NJ

Dealerships Available in a few areas.
If interested call 215-932-4700

LANCASTER, CHESTER
& E. YORK CO.'S
LAPPS HARDWARE
& DAIRY SUPPLIES
RD 4 Box 96 (Loop Rd.)
Quarryville, PA 17566
717-786-3970

MONTGOMERY CO.
PENN VALLEY
CROPSHOP INC.
Schwenksville, PA
19473
215-287-9650

HUNTINGDON CO
CLAPPER FARM
EQUIPMENT, INC.
Alexandria, PA 16611
814-669-4465

LANCASTER CO
LANCO NU-PULSE CO.
RD 1
Cochranville, PA 19330
717-859-3863

MONTGOMERY, NORTHAMPTON,
COLUMBIA, LUZERNE
CO'S
JAKE'S MILKER
SERVICE
RD 2 Watsonstown, PA
17777
717-649-5947

BRADFORD CO
STINER'S
REFRIGERATION
25 Crooks Terrace
Canton, PA 17724
717-673-8351

LYCOMING CO
JAMES
LUCKENBILL
RD2 Montgomery, PA
17752
717-547-1516

NORTHAMPTON & MONROE CO'S
HILL & SON DAIRY EQUIPMENT
Sales & Service
630 Sullivan Trail, Windgap, PA 18091
Bus - 215-863-4557 Home - 215-258-7924

SUSQUEHANNA CO.
JIMS EQUIPMENT
R1 Box 96
Springville, PA 18844
717-942-6928

WAYNE CO.
DONALD SCHMIDT
RD 1 Box 258A
Hawley, PA 18428
717-253-2409

UNION & SNYDER CO
ABE'S SERVICE
CENTER
R.D. 2, Box 82
Mifflinburg, PA 17844
717-966-1707

MIFFLIN CO
BYLER'S DIESEL
& REFRIGERATION
Belleville, PA 17004

WESTERN MD. &
SOMERSET CO., PA
LAUREL RUN
FARM SUPPLY
R.D. 2, Box 117
Grantsville, MD 21536
301-895-5567

CURT
CASSADY
MANAGER
PH: 717-626-1065
Before 7 A.M.
After 6 P.M.

Retired Lanc. DHIA supervisor shares two decades

BY SALLY BAIR
Staff Correspondent

QUARRYVILLE — When Robert J. Brinton first tested milk for the Dairy Herd Improvement Association, herds were smaller, milk was shipped in cans, roads

were not paved and the samples were run on the farm.

Twenty-one years later, Brinton has retired. During those two decades Brinton experienced many changes in the work which was a large part of his life.

Brinton, 227 Circle Drive, Quarryville, has lived in Lancaster County nearly all of his life and at one time owned two farms. He had to leave dairying because of back trouble and chose being a DHIA supervisor, something which kept him close to the life he knew and loved. He also kept one herd of about 60 cows which he recently

sold.

Brinton first took over the circuit on which Curtis Akers had worked when Akers left to become a dairy farmer. Brinton recalls, "I didn't know what to expect, but it worked out all right. I enjoyed doing it. When we first tested, we kept the books and ran the samples." Brinton also remembers that,

since many testers were single, they also boarded with the families for whom they tested.

The testing program was eventually changed so that the actual running of samples was done at the supervisors home, cutting into the time the tester

(Turn to Page D23)



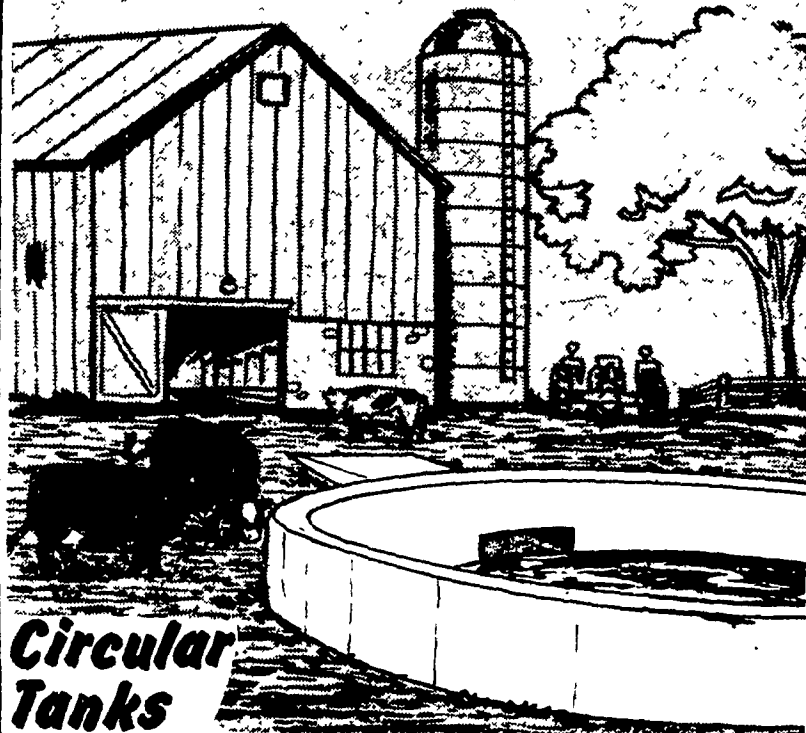
Now that his daily routine doesn't find him on the road or in the barn, Brinton finds time to relax and catch up on the odd-jobs around his home near Quarryville.



It's a common sight to see a DHIA Supervisor hard at work at a desk and even though Lancaster's Robert Brinton retired in October

after 21 years of service to county dairy producers, he still finds plenty of paper work piling up.

POURED REINFORCED CONCRETE CONSTRUCTION



Circular Tanks

SIZES & LAYOUTS TO YOUR SPECIFICATIONS

We are qualified to handle any poured concrete job you may need. We use a practical aluminum forming system to create concrete structures of maximum strength and durability. For a highly satisfactory job at an affordable price, get in touch with us.

POURED FOR DURABILITY

Groffdale
Poured walls

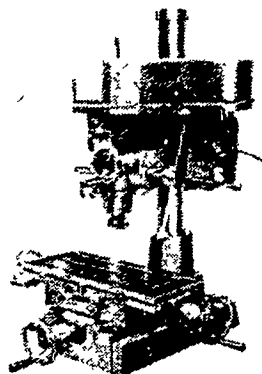
BRICK CHURCH RD. LEOLA, PA. 17540

FOR SALES & LAYOUT KEN GROFF (717) 687-6668, days & evenings
GROFFDALE POURED WALLS (717) 656-2016
JAKE KING (717) 656-7566

MILLING MACHINE

\$795

Regular Price \$1195
FOB York



Price includes Work light 1/2" Drill chuck R 8 shank, Carbide Face Mill cutter with Arbor, Angle Vise, 1 hp single phase 110 vac. motor with reversing switch. A fine machine for FARM SHOP. Cut keyways, mill slots. Drill large and small holes, hundreds of uses. Packed in wooden box shipping wt. 440 lbs. This machine in stock. Write for illustrated specification sheet.

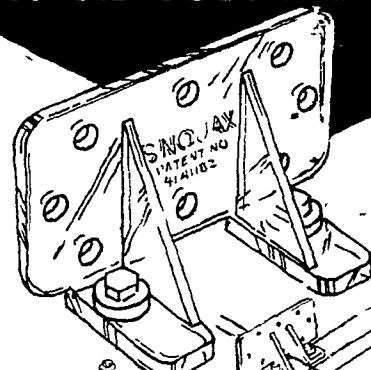
Visit our big showroom. Over 200 wood and metal working machines on display.

WILKE MACHINERY CO.

1519 Mt. Rose, York, Pa. 17403 1/2 mile west of I-83, Exit 7
717-843-4924 York
Send 50¢ for Machinery Sale Catalog

SNOJAX

**PREVENT SNOWSLIDES!
AVOID COSTLY DAMAGE!**



SEND \$2
FOR
SAMPLE

- INVISIBLE
- INEXPENSIVE
- NO ROOF STAINS
- EASILY INSTALLED

SNOJAX 1500 STATE STREET,
CAMP HILL, PA 17011
PHONE (717) 761-1863

DISTRIBUTORS FOR SCHLESSMAN'S SEED CORN

PREMIUM SINGLE CROSSES

- **NEW: SX-810** - Large Ear, Fast Dry down, Top Yields, Upright Leaf Characteristics, 118 Days
- **SX-802** - High Yielding Good Standability, 118 Days ★ #1 Penn State's Class 4 - Mel Johnson's Trials
- **SX-700A** - Fast Dry Down Corn, Excellent Sheller, 112 Days
- **SX-600** - Fast Dry Down Corn, Excellent Sheller, Excellent Standability, 107 Days
- **SX-405A** - Short Season, High Yield Potential 100 Days ★ Top 3 For The Past 3 Years At Penn State Trials
- **SX-520A** - First Year In Trials, Placed Third, Class 2, 105 Days.

WHOLESALE & RETAIL

BOYD'S SEED CENTER, INC.

306 Iona Rd., Lebanon, Pa. 17042
Phone: 717-272-8943

BOYD'S 78 AT (Brand) ALFALFA

- Delivers highest yields under today's intensive alfalfa management programs
- Very excellent anthracnose resistance
- Top TDN per acre

\$119.00 Dec. Price
single bag retail

BOYD'S WETFOOT (Brand) ALFALFA

- Especially good for above normal moisture areas (good stand where others fail)
- High yielding that beats wetfoot disease with phytophthora root rot resistance
- Also excellent under normal conditions

\$119.00 Dec. Price
single bag retail

OTHER ALFALFAS AVAILABLE:

- WL 311 • WL 312 • Arc • Thor
- WL 318 • WL 313 • Saranac AR
- Apollo

★ **CALL FOR EARLY
ORDER CASH DISCOUNT**

Plant scientist explores solar energy to increase corn yields

UNIVERSITY PARK — Plant scientists at Penn State are working to build into corn plants the ability to convert maximum solar energy into expanded yields of grain or forage.

The complex process of converting solar energy into grain in cornplants is two-fold, stated Daniel P. Knievel of Penn State's College of Agriculture during national meetings of crop and soil scientists December 2 in Atlanta, Ga.

Knievel and associates are seeking ways to enable corn plants to improve their efficiency in using the sun's energy, through the natural process of photosynthesis, to produce high levels of car-

bohydrates — the vital "building blocks" of plant growth.

The second factor, he said, is that plants must have the capacity to accumulate and store high levels of carbohydrates as grain.

Improved carbohydrates storage is essential, he pointed out, since high photosynthetic rates do not necessarily lead to high grain production. That's the crux of the problem, he affirmed.

"Our experiments with corn show that, after pollination, carbohydrates can accumulate in plants during periods of high photosynthesis without increasing the growth rate of the developing grain."

"To complicate the situation, we also found that corn plants accumulating high carbohydrate levels in their tissues during grain filling had lower than normal rates of photosynthesis," Knievel commented.

This means, he explained, that a scientific "breakthrough" to increase plant photosynthesis would not, by itself, improve crop yields. Corn plants would need the genetic ability to accept and convert additional carbohydrates into grain.

Attending the Atlanta meeting were members of the American Society of Agronomy, Crop Science Society of America, and the Soil Society of America. Programs and events from November 29 to December 4 made up the 73rd annual meeting of the combined organizations.

The Penn Staters grew corn in a way to simulate high photosynthesis capacity, as yet not developed in commercial hybrids. Plants were grown at high and low populations to vary the degree of shading between plants to control the level of photosynthetic energy per plant. Pollination was done by hand to control the number of grains per plant.

Rate of grain growth per kernel was the same for all treatments, regardless of the number of kernels per ear. Where kernel numbers were low, plants stored higher amounts of carbohydrates in stalk tissues than where kernel numbers were high.

"The high accumulation of carbohydrates occurred because

the existing kernels were unable to accept all of the available energy

from photosynthesis," Knievel said.

Retired supervisor

(Continued from Page D22)

spent on the farm. And now, of course, computerization has taken over, and the samples are shipped to Penn State to be run in a central laboratory.

The hours for a DHIA supervisor are nothing to brag about. Brinton remembers leaving home as early as 3:30 a.m. to be on a farm for the morning milking. Other times there were late evenings when Mrs. Brinton would patiently wait for supper.

There was only one occasion when Brinton was forced by the weather to stay overnight. He says, "I stayed overnight because I wouldn't have been able to get back the next morning. I never had a really full circuit, so in bad weather I could make a change."

In his 21 years, Brinton has experienced watching the younger generation grow up and take over the management of the farms in some cases.

There have been other changes too. By the time he retired in October, all the herds he tested had pipeline milkers and herds have grown tremendously in size. Nevertheless, Brinton doesn't see larger herds as an absolute necessity to make ends meet. "They need to do a better job with the cows they have," he says. He points out the records dairymen use through the DHI testing program are helpful in the overall management of the farm, adding, "I wouldn't milk cows without records."

He also expressed his belief that over production is not the problem causing the surplus in the dairy industry, rather it is under consumption.

Asked how many cars he wore out throughout the 21 years, Brinton says, "One car probably would have lasted the whole time if I had used it just for that."

About farming's future, Brinton said, "I think farming has a bright future. I think if they are interested they can make it, but you can't just start farming like you once did. I think the only way is to work in gradually."

Brinton and his wife enjoy traveling, and will probably do more of that in retirement. But he also keeps busy with community activities. Being groundskeeper at the Southern Lancaster County Sportsmen's Club is a job which keeps him interested and involved. He is also a trustee at the Faith Reformed Presbyterian Church in Quarryville, which has recently built a new building.

Hunting and fishing have always been a big interest for Brinton, so perhaps he will find more time for that. He and his wife enjoy the solitude of a camp in Perry County.

He is a member of the Slumbering Groundhog Lodge of Quarryville.

Just as he enjoyed his work, Brinton now says he is enjoying retirement.

Export grain firms must register by Dec. 31

WASHINGTON, D.C. — All grain firms which export 15,000 or more metric tons of grain annually must register with the U.S. Department of Agriculture's Federal Grain Inspection Service by Dec. 31.

Kenneth A. Giles, administrator of USDA's Federal Grain Inspection Service, said registration is required by the U.S. Grain Standards Act.

"All firms currently registered must re-apply if they exported 15,000 or more metric tons of grain in 1981, or plan to do so in 1982," Giles said.

The registration fee is \$135 for firms which sell or ship grain overseas, and \$270 for export firms which own a controlling interest in other companies engaged in interstate commerce.

USDA has mailed application forms to all 119 firms now registered. Others who need application forms or more information should call or write James Conrad, Regulatory Branch, Compliance Division, Rm. 2405 - Auditors Bldg., FGIS-USDA, Washington, D.C. 20250, telephone 202/447-4759.

• DAIRY • BEEF • POULTRY • SWINE
• HORSE BARN • MACHINERY SHEDS



Quality Building Systems

Merv Miller - Builder

7 KEENER ROAD
LITITZ, PENNSYLVANIA 17543

TELEPHONE (717) 626-5204

**DISTRIBUTOR FOR CABLEVEY
FEED SYSTEMS & SCHULD BINS**

**Sealcrete can paint your farm
buildings quickly and
inexpensively...**

**Call for Free
estimate**



HYDRAULIC AERIAL EQUIPMENT

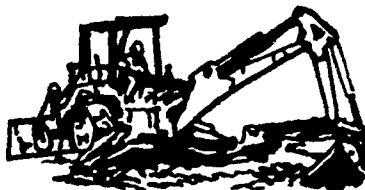


Contact
Allen B. Shirk

Seal Crete, Inc.
RD2, Ephrata, PA
717-859-1127

EXCAVATING

**BACKHOES • FRONT END LOADERS
DYNAMIC
MASONRY
CONTRACTORS
SPECIAL FARM PRICES**



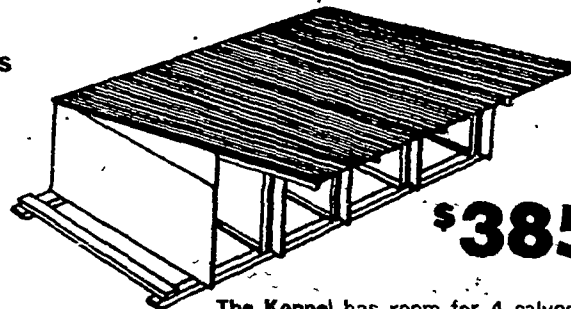
GORDONVILLE
MIKE FISHER & LARRY HERR
687-6801
FREE ESTIMATES

- Driveway Stoning
- Fill & Topsoil
- Grading
- Septic Tanks & Drain Fields
- Snow Removal
- Manure Pits



Solar Calf Kennel

Feeding Racks
included.
Each
Feeding
Rack
consists of
Pail and
Hay Rack.
Pail not
included.



\$385

The Kennel has room for 4 calves in individual pens. Calves cannot reach together. Overall size 8x12, plus 3' overhang to protect feeder on 4x4 skids, and is movable. Half-inch Aspenite sides and white baked enamel roof to reflect heat.
We Can Arrange Delivery

Other Styles and
Sizes Available

**We Do General Farm Construction in Milking Parlors,
Dairy Setups & Poll Sheds
In Lancaster, York & Chester Counties, PA
Harford & Cecil Counties, MD.**

Ira C. Herr & Son, Inc.
RD 1
Quarryville, PA 17566
Phone Day - 717-284-4543 Nite 717-786-2090



CUMBERLAND COUNTY DHIA Monthly Report

October 1981

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Otto Brothers				
101	6	21,832	3.6	792
149	5	17,696	4.1	719
199	5	19,307	3.5	683
206	4	17,245	4.4	763
306	3	19,502	3.9	766
Mark A. Naugle				
Agnes	4	20,596	3.2	661
Robert Strock				
Tina	6	18,255	3.8	690
Juanita	5	22,127	4.3	949
Felicia	5	16,363	4.2	689
Cecil	4	19,661	3.7	732
Norman Hertzler				
Nora	6	17,542	4.7	831
Sharon	5	21,335	3.6	766
Bernice	4	23,600	3.3	778
Delmer E. Cornman				
Betsy	8	18,322	4.4	799
Sundays Vallilea Farms				
93	5	24,802	3.5	859
37	3	24,223	3.0	724
Freshair Dairy Farm				
Lois	4	18,526	3.8	703
Mindy	2	17,905	3.9	706
John M. Lippert				
Cindy	6	19,572	4.0	781
Mega	6	19,444	4.0	775
Lisa	3	19,224	3.6	683
Mint	2	20,210	3.7	740
J. B. Brymmer & Sons				
83	9	19,647	4.3	844
119	8	22,522	3.4	764
120	8	21,014	3.1	656
167	6	19,215	3.4	659
200	6	23,894	3.7	879
218	5	21,165	4.0	845
256	4	21,133	3.4	716
280	4	20,928	3.2	678
Creedin C. Cornman				
Margie	5	21,804	3.6	780
Ashcombe Farms				
173	8	19,939	3.5	705
69	7	19,111	4.0	762

117	7	23,417	3.1	720
49	7	21,046	3.3	699
65	6	17,323	4.4	761
182	6	19,505	4.1	796
325	5	27,096	2.9	785
340	5	18,413	3.8	694
361	5	22,511	3.3	746
374	4	21,163	3.5	746
34	4	24,319	4.0	972
35	4	23,916	3.1	745
48	4	19,962	3.9	783
134	3	18,031	3.6	656
225	3	21,465	3.2	686
303	3	19,963	3.6	716
308	3	22,289	3.0	679
349	3	18,503	3.9	722
355	3	17,806	3.8	679
358	2	19,181	3.8	724
364	3	18,823	3.6	677
366	3	20,849	3.7	771
381	3	20,774	3.2	656
167	2	20,909	3.2	677
Lee G. Davidson				
Toots	5	19,610	3.4	673
Dove	2	18,325	3.7	685
Chester & Galen Smith				
Amy	7	16,312	4.0	657
Becky	8	19,341	4.2	817
Iffy	4	18,115	3.7	665
Pamela	4	19,986	3.5	691
Lucy	3	21,054	3.5	742
Harpie	3	18,548	3.7	681
Thrush Brothers				
5	8	23,825	3.0	726
90	8	19,272	3.8	726
96	2	19,176	3.9	747
Donald & Dave Lehman				
69	11	15,849	4.2	668
80	7	18,279	3.7	685
2	5	19,469	3.4	667
54	6	19,485	3.8	748
68	2	17,574	3.9	682
Roy L. Coover				
38	4	18,844	3.7	706
96	9	18,622	4.2	786
1	4	21,097	3.4	712
Paul Strock				
Irma	10	23,467	2.9	671
Peggy	9	22,634	3.3	746
Stella	9	25,923	3.5	909
Holly	8	20,835	4.3	895
Pet	7	22,895	3.6	815
Sugar	6	20,433	3.6	727
Jamie	4	18,465	3.4	627
Harvest	4	21,458	3.6	782
Fortune	3	19,022	3.5	669
Tillie	2	15,151	4.3	659
Paul O. Dyarman				
Joanie	7	18,342	3.8	696
Harry & Paul Hoch				
Wealthy	4	20,063	3.7	738
Wreath	3	17,950	3.8	686
Merle & Sharon Dice				
90	6	19,720	3.5	693
Heiser Farm Dairy				
14	6	14,888	4.5	667
J. Glenn Glesner				
74	3	19,689	3.7	730
Alfred Gaisler				
Zippy	9	20,766	3.9	810

Astrid	5	19,191	3.4	658
Bubbles	6	21,147	3.3	698
Milk Way Farms				
57	9	19,533	3.4	657
75	5	18,669	3.7	688
41	3	19,417	4.2	823
83	3	18,031	3.9	712
113	3	16,045	4.4	702
17	2	17,682	3.7	653
Paul E. Peffer & Son				
Pit	4	16,786	3.9	655
Wendy	4	17,525	3.8	673
Elmer Gettle				
Vesta	5	20,628	3.4	707
Fonzie	4	17,836	3.9	693
D. Clinton Sauder				
Edna	5	23,309	3.5	811
Fred B. McGillvray				
Trixie	6	20,574	3.9	808
J. Shephard Wolff				
Dove	4	19,945	3.5	702
Snowbell	7	16,962	3.9	657
Fancy	3	17,164	4.2	719
Her Joy Farms				
Apollo	4	20,590	3.6	746
Ashcombe Dover Dairy				
R202	8	15,448	4.3	658
311	5	14,965	4.8	712
R296	5	18,865	3.6	687
R20	4	20,575	3.3	678
81	2	18,710	3.6	667
Leroy Showaker & Son				
Dot	9	15,719	4.4	686
Minies	5	19,302	3.9	745
John F. Stamy, III				
46	9	16,581	3.9	653
114	3	16,591	4.1	675
145	3	18,448	3.7	683
Carl Kelso, Jr.				
94	6	25,465	3.5	879
9	4	22,328	3.5	789
17	4	18,776	3.5	659
80	4	21,681	3.2	699
2	5	23,973	3.1	737
John E. Lapp				
Greta	4	20,822	3.6	746
Jewel	3	19,389	3.6	699
Leroy Chestnut				
6	8	18,466	4.1	752
Ursel	8	19,875	4.2	827
Chester C. Weaver				
Sambo	6	17,376	4.0	694
Samuel D. Shenk				
Tara	4	21,203	3.7	790
Rhonda	3	19,846	3.4	669
Vu-Rhon	3	18,596	3.5	651
Lorette	3	18,090	3.7	661
Nelson D. Horst				
8	6	19,018	3.6	690
41	8	17,527	4.2	741
Berkheimer Farms				
40	5	24,347	3.5	864
103	6	16,695	4.3	720
60	5	20,329	3.9	784
26	3	17,282	4.3	749
86	3	15,911	4.3	682
Stambaugh Farms				
1	6	17,598	3.8	666
Fred & Chris McGillvray				
1	6	18,133	3.6	654
7	5	18,019	4.4	796

(Turn to Page D25)

Pole Shed & Barn Material Center

PRESSURE TREATED LUMBER

- SIZES: • 2x4 • 4x4 • Excellent For:
• 2x6 • 4x6 • ★ FARM BUILDING ★ PATIO
• 2x8 • 6x6 • ★ FENCE ★ POLE SHEDS
• 2x10 • 2x6 T&G • ★ SUNDECK ★ OTHERS

- 1x8 Barn Siding 6' to 16'
■ 2x8 T&G Yellow
Pine Barn Flooring



For Low Prices on Roof Trusses
Check with Musselman

1 x 6 Rough Cypress Boards
for Fence & Gates

- Door Hangers • Bumpers
• Brackets • Stay Rollers
• Track • Latches

Large Selection of
LAWRENCE HARDWARE

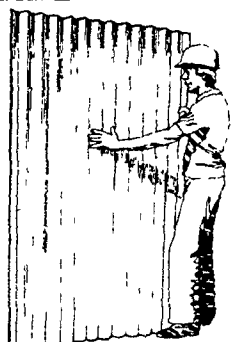
Large Selection of ALL DIMENSION LUMBER

MUSSELMAN LUMBER INC.

200 BRIMMER AVENUE, NEW HOLLAND, PA

Phone 717-354-4321

Hours: Daily 7 AM to 5 PM, Saturday 7 AM to 12 PM



6'7" x 46" Sheet
• 25 Year warranty against leaks
• Four colors in stock

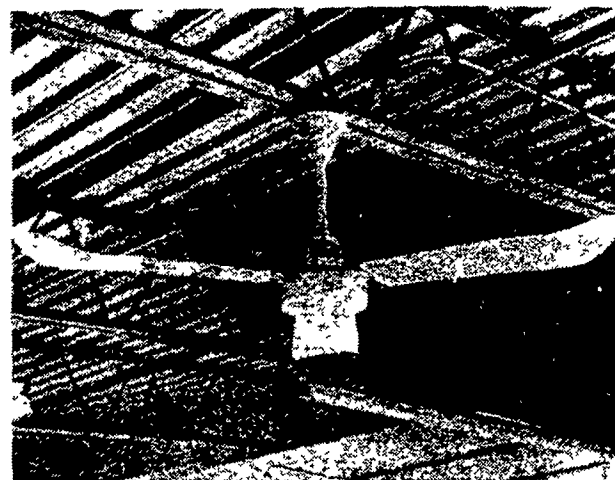
EASY-COVER™
by Onduline
**FARM
ROOFING
SALE!**

AGRI-FAN

HELPS TO HEAT
IN WINTER!
HELPS TO COOL
IN SUMMER!

Fan carries a five-year warranty
and features:

- Sealed chrome steel ball bearings
- Totally enclosed motor, special moisture resistant silicone treated
- No maintenance
- Displaces 24,000 cubic feet of air per minute (CFM)
- Solid state infinite speed controls
- Uses less energy than 40W-bulb at low speed
- 15 amp circuit runs up to 13 fans
- Easy installation, just mount and plug in 32" cord. Completely assembled (except blades)
- All metal construction — 60" diameter blade sweep
- Effective up to 60 ft. ceiling height
- Aerodynamically designed blades for maximum air delivery
- Down rods available in 10" lengths
- Fans and controls are warranted to be free from defects in materials and workmanship at the time of shipment from the factory and for a period of five years



APPLICATIONS:

- Poultry houses
- Dairy barns
- Milking parlors
- Storage buildings
- Greenhouses
- Office areas
- Confinement buildings
- Livestock buildings
- Processing plants
- Warehouses
- Machine shops
- Homes
- Churches

STOP IN OUR SHOWROOM & SEE THE AGRI-FAN IN OPERATION

AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY - GRAIN EQUIPMENT
2754 Creek Hill Rd., Leola, PA 17540
PHONE: 717-656-4151

STORE HOURS: Mon.-Fri. 7:30 to 4:30; Sat. 7:30 to 11:30
SERVING PA, N.J. AND N.Y.

AGRI-EQUIPMENT
INC.,
OFFERS
COMPLETE
• SALES
• INSTALLATION
• SERVICE



Lebanon County DHIA Monthly Report

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Bennett Bros.	3	72.7	83.8	20,051	740
Kenneth Sellers	3	42.9	87.7	18,559	731
Marlin M. High	B3	35.1	88.3	20,105	727
Dale Hostetter & Sons	3	3	86.8	19,216	724
Raymon & Marlin Getz	3	51.2	81.3	18,819	720
Kenneth Mase	B3	78.2	88.6	18,762	717
Marvin Meyer & Sons	B3	89.5	89.1	18,484	717
Willow Maple Farm	3	42.4	91.4	20,922	709
Roy E. Nolt	B3	49.1	82.4	18,136	701
Gary Lee Mase	5	14.2	83.7	16,333	684
Albert F. Moyer	3	81.7	85.4	19,124	683
Ronald Kelchner	B3	58.7	84.5	18,389	678
Arnold Acres	3	99.1	88.3	17,990	670
Clarence C. Mase	G3	36.2	85.1	18,228	670
Sonnen Acres	B3	108.4	83.3	17,333	670
Leon Horning	B3	36.9	86.7	18,057	669
Gary Lentz	3	41.6	85.7	17,292	669
Robert Martin	B3	42.1	87.3	17,636	667
R & R. Shirk	3	75.6	88.4	17,644	666
Norman Kline	3	76.1	85.0	17,515	664
David Brandt	3	65.9	87.1	17,294	664
Phares Z. Musser	3	73.0	88.6	16,761	663
Gideon A. Fisher, Jr.	G3	34.6	84.7	18,369	663
Donald G. Hoffer	B3	46.8	86.2	17,282	659
Huber S. Miller	3	53.5	88.3	16,020	657
Hoover Farms	3	82.0	86.9	17,431	655

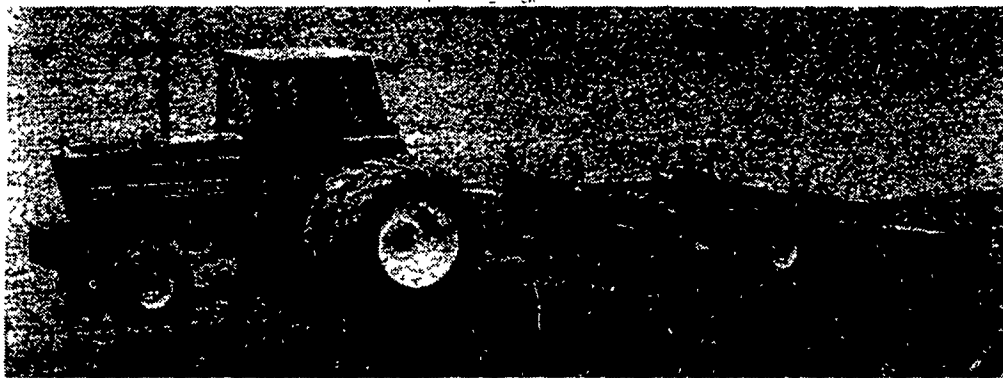
San Bo Holsteins	3	64.7	85.4	17,436	654
Vincent A. Wagner	3	42.5	84.0	17,915	653
David H. Horning	G3	61.3	84.0	17,430	648
Irvin Z. Brubaker	B3	37.7	85.6	18,606	648
Philhaven Farm	3	96.9	88.1	17,323	647
Galen Bollinger	B3	124.3	88.5	17,244	646
Kirby L. Horst	3	47.8	82.0	17,084	644
Ernest P. Detweiler	B3	52.1	87.2	18,064	642
David E. Zimmerman	B3	50.0	84.0	18,109	640
Roy H. Weaver	B3	62.0	84.5	16,884	639
Melvin Krall	B3	79.6	88.0	17,278	638
Wernerway Farm	B3	119.8	86.4	16,862	638
Eugene R. Houser	3	28.1	85.7	16,873	638
Conewago View Farms	B3	73.2	87.9	16,682	636
Lloyd Burkholder Jr.	B3	51.6	90.2	17,106	636
Enos N. Leimbach	3	32.7	87.8	16,827	635
Leon H. Kline	3	103.0	89.0	17,091	635
Reuben O. Martin	B3	66.7	84.3	17,748	633
Fort Zeller Farm	B3	48.7	85.2	16,368	633
Ferndale Farms	3	87.8	80.7	16,655	627
Hershey Bare	3	85.3	87.1	16,412	625
M. Luther Bennetch	G3	69.8	88.3	16,802	625
Hoover Farms No. 2	B3	45.0	88.0	17,228	623
Mervin W. Horst	B3	41.2	87.2	16,644	621
Daniel B. Shirk	3	43.3	88.8	17,550	620
Lloyd S. Newswanger	B3	73.3	82.5	17,085	619
Arthur Krall & Son	3	66.0	82.6	16,337	617
Mark C. Patches	B3	88.5	85.6	15,725	617
Moses O. Martin	B3	67.6	87.3	17,491	616
Mark Bomberger & Son	B3	76.0	91.2	15,834	616
Eugene Martin	B3	93.0	87.0	16,845	614
John Brubaker	B3	49.8	84.9	16,603	614
A. & M. Martin	B3	40.8	85.3	17,584	613
Walter K. Heisey	B8	55.6	88.6	17,937	613
Walter M. Martin	B3	43.5	80.9	17,062	612
Lester Martin	B3	56.8	88.9	15,808	610
Twin-Maple Farm	B3	43.5	86.9	16,870	608
Wilmer S. Reiff	G3	61.1	84.6	15,981	606
Leon M. Burkholder	B3	43.8	87.2	16,285	605
G. & Elmer Ungemach	B3	75.3	86.9	16,063	601
Ernest Wagner	3	38.3	83.7	15,976	601
Richard L. Heilinger	B8	33.4	86.1	15,755	600
Marlin D. Heisey	B3	36.6	80.6	16,322	600

Cumberland Co. DHIA

(Continued from Page D24)

J. Douglas Martin	7	20,455	3.9	791
8	3	18,674	3.6	665
90R	3	20,172	4.0	805
115	3			
Wm. F. & Susan Dietrich	5	12,477	5.2	650
P Patty	5	14,272	4.6	651
Zesta	5			
David S. Miller	4	21,141	3.5	748
Lisa	4			
John F. Stoltzfus	4	24,219	4.0	971
Rosa	3	24,328	3.8	917
Jody	3			
Allen B. Martin	3	19,045	3.9	751
4	3			
Paul B. Sensenig	7	19,957	3.3	654
Fayanna	5	21,205	3.9	829
Nancy	5			
Harvey Newswanger	3	17,834	3.7	656
1	4	15,509	4.4	678
6	4			
Clifford Chamberlin	3	19,457	3.4	660
Ardel	2	17,917	3.8	675
Star	2			
Ferman L. Landis	5	17,978	3.8	692
5	5	23,881	3.9	941
23	5	20,128	3.3	674
30	5			
Gerald P. Jones	4	18,179	3.8	682
Clousey	4			
Donald W. Mullen	2	18,334	3.7	672
Bonita	2			
M. Thomas Sheaffer	7	20,437	3.9	794
Inka	6	22,112	3.4	746
Ellie	5	20,552	3.6	746
Pamela	5	20,360	4.1	832
Dora	7	23,385	2.9	669
Cope	3	19,356	3.6	688
Pammie	4	26,480	3.8	999
Hope	2	20,887	3.4	710
Dee	2			
Robert-Margaret Smith	5	18,585	3.8	708
Molly	4	17,982	3.7	670
Mains Acres	3	17,978	4.1	737
100	3			
193	7	19,617	3.5	684
Lee A. Hoover, Jr.	7			
Liza	4	20,242	3.5	715
Nevin Shughart	5	16,909	4.0	668
Marge	5			
Wilda	5			

**HERE IS HOW YOU CAN AFFORD
THE NEW NUMBER ONE
OR ANY OTHER NEW IH EQUIPMENT**



**GET MORE
FOR YOUR
CROPS.**

**PAY LESS
INTEREST
ON NEW
EQUIPMENT.**

IH ATTACKS YOUR TWO BIGGEST PROBLEMS.

We've mounted an all-out attack on your two biggest problems — low commodity prices and high interest rates — to really help you afford the new equipment you need and want.

Get More For Your Crops. Now we'll give you an extra 20% cash allowance for your crops! 20% more than the price you tell us you get at your local elevator. In figuring your crop bonus, the value of the crop plus 20% cannot exceed 1/4 of the sale price of the new International equipment you buy.

Pay Less Interest. We'll give you a big break on interest rates, too. You can pay a low 13.5% APR guaranteed for three years. Or, we'll waive your regular interest payment completely until next season.

See us now! This offer is good only on new equipment purchased and delivered before January 29, 1982.

Get the Red Edge. With IH as your partner helping you fight high interest and low crop prices, you can't lose.



**INTERNATIONAL
AGRICULTURAL
EQUIPMENT**

R.S. HOLLINGER & SON, INC.

PARTS & SERVICE

113 W. Main St.
Mountville, PA
Ph: 717-285-4538

Store Hours:
Mon. thru Fri. - 7 to 5:30
Sat. 7 to 12:00



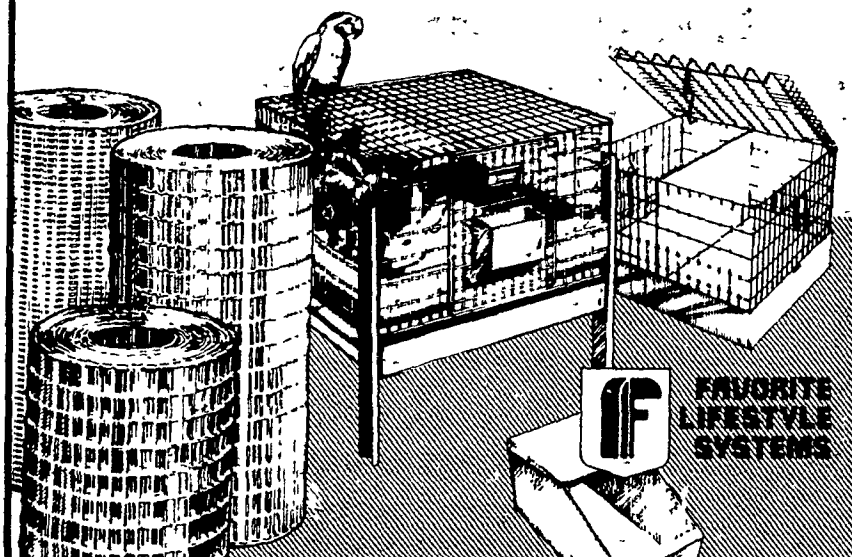
**Grow
Rabbits. Quail.
Pheasant. Racoons.
Chickens. Turkeys.
Guinea Pigs. Any
small animal. Right
in your own
backyard!**

Put a little bit of country in your life. Experience the fascination and fun of raising small animals in your own backyard. Natural education for kids, profitable hobby for adults. To get started visit the 1100 square foot Favorite Factory Showroom. Everything you need for successful small animal raising. Full line of pre-fabricated, all-metal Lifestyle enclosures. Watering systems. Feeders. 100 foot rolls of welded

wire mesh. Complete modular rabbit raising systems. All at direct-to-you low prices. Stop in today and save!

Favorite Manufacturing, Inc.,
114-116 Earlard Industrial Park,
Building #1. Just East of New
Holland off Route 23. Phone
(717) 354-4586.

Open weekdays: 7:30 AM to 4:30 PM
Fridays: 7:30 AM to 6:00 PM
Saturdays: 7:30 AM to 11:30 AM



**IF
FAVORITE
LIFESTYLE
SYSTEMS**



Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tax Deferment

Deferring or postponement of income taxes is a recognized part of tax management in most business circles. Tax deferment comes in two categories: that which must be done within the immediate tax year; and that which can be done right up to the time for filing the tax return. "Cash method" taxpayers have much more flexibility in tax deferment than "accrual method" taxpayers. Use of the "cash" reporting method is also easier than the "accrual" method. Most farmers do use the cash method.

If a farmer does desire to defer or postpone taxes, he has several possibilities. The following must be done before the end of the year:

He can buy supplies such as feed and fertilizer ahead for next year. They actually have to be purchased, not just ordered.

There also must be a reason other than tax reduction. This should be no problem this year with ever increasing costs. Items purchased in November or December are certain to be cheaper than those items purchased in March or April. This may be especially true for corn.

Of course, such action could cause the following year's taxes to be higher. Therefore, a farmer considering it should know

whether it would really be justified or not. Why lower this year's taxes to zero or less, then find yourself in a 30% bracket next year? That is where a 9 or 10 month summary would be helpful.

Sales or income could be held off until after January 1. This may have advantages in two ways this year. Both grain and hay prices will probably go up after the first of the year. Thus, taxes may be lowered for 1981 and profits increased on 1981 crops in the 1982 tax year.

He could actually borrow money to pay off all accounts payable at the end of the year. Anyone doing this should carefully calculate the consequences. For example, it would not be sensible if the taxpayer borrowed money at \$100 interest cost to save \$50 worth of taxes. However, if the borrowed money cost was \$100 and the tax savings was \$200, the net result would be an overall savings of \$100.

These three items are rather inflexible and must be done by the end of the tax year. Furthermore, once they are done, the results must be used whether needed or not. For example: A farmer buys \$5,000 worth of feed on an advance order special in 1981 to be used in 1982. When he does his taxes in February, he finds that, as a result of the purchase, he has a gross

FREDERICK, Md. — The Maryland Fall Festival Angus Sale, held here recently, grossed \$45,515 on 57 lots to average just under \$800.

Fifty-two females average \$805 and five bulls average \$722. The

taxable income of \$4,000. Since he has a wife and four children, he is actually permitted \$9400 of tax free income for 1981. His early order purchase did not save him any 1981 Federal income tax. (It may have saved some Social Security and State Income Tax.) However it may actually cost him extra tax money in 1982.

Two things to consider in 1981 tax planning: 1982 tax rates will be lower and the 1982 dollar will be worth less than the 1981 dollar. Suggestion - by all means reduce 1981 taxes as much as possible but don't use up tax free dollars.

MD. Fall Festival Angus Sale grosses \$45,515

first animal in the ring was an April 6, 1981 heifer calf donated by Dr. and Mrs. Emmett Full, Back Acres Angus, Mt. Airy, Md., to benefit the Maryland Junior Angus Association's fund raising efforts. A flashy daughter of Riot 8221 of Ideal known as "Big Moose", the heifer sold for \$1,000 to Bill Ledford of Mt. Airy, Md.

Topping the sale at \$2,000 was a heifer calf by Linebacker of Wye consigned by Mar Lee Farm Woodsboro, Md. She sold to Sonia Hamm, Pleasant Plains Angus, Clarksburg, Md.

Second high selling lot was a daughter of Wetonka 2446 consigned by Stivers Angus, Pittstown, N.J. This 1980 heifer out of a Bonanza of Wye daughter, safe in

calf to a son of "Elector", sold to Rocky Forge Farm, Hagerstown, Md. for \$1,800.

The high selling bull was a June 1980 son of P S Power Play consigned by Dale Rains, Mercer, Pa. He sold for \$1,025 to Shenstone Farm, Leesburg, Va., a volume buyer with six head purchased.

A. Fred Myer, White Post, Va., purchased 4 lots including a daughter of P S Power Play from Dale Rains at \$1,600. Jack Corwell of Clear Spring, Md., also purchased 4 lots.

The sale was sponsored by the Maryland Angus Association, and was managed by the American Angus Hall Of Fame in Smithville, Missouri. Lee Miller, Woodsboro, Md., was sale chairman and Mike Jones was the auctioneer.



**CALL US FOR
FREE
ESTIMATES**
on
**TOP QUALITY BARN
SPRAY & BRUSH
PAINTING**

Try Our New Concept In Penetration And Adhesion.

\$13.00 per gallon applied, no additional cost. Average Barn \$650.00

The farmers in Lancaster Co. are lucky because of the amount of competition in barn painting. Check with us for the best deal!

BRUNING

PHARES S. HURST

Rd 1, Box 420, Narvon, PA 17555
215-445-6186

Years of experience plus self employment gives you quality work for less expense.

FRANKLIN H. KREIDER

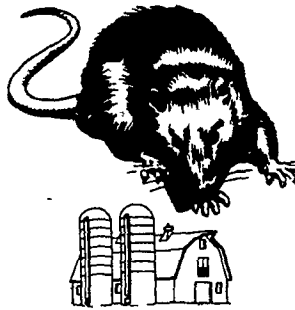
2400 Dairy Road
Lancaster, Pa. 17601
717-898-0129

**Alfalfa Weed Control
Custom Applied or
Incorporate
with Fertilizer**

**Spreaders and
Spreader Service**

**Top Dress Your Alfalfa
Now For
Better Wintering**

**ATTENTION
FARMERS...
FREE
ESTIMATES
ON RODENT
CONTROL**



RODENTS carry diseases which can endanger the health of your dairy herds. Your business is raising them. Ours is protecting them.



Since 1928

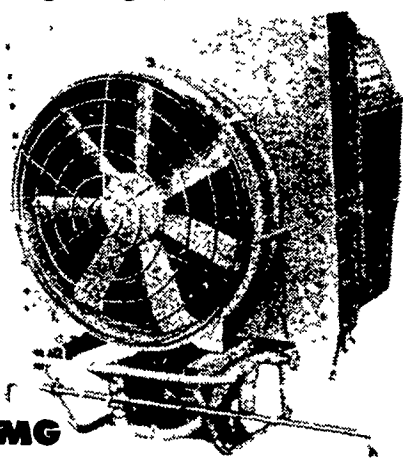
Pest control is too important
to trust to anyone else

1278 Loup Rd.
Lancaster, PA
17604
717-397-3721

Myers

MITY-MIST

**ORCHARDS • ROW CROPS
TURF • VINEYARDS**
...with Lightweight, Rust Free Tank



A32TMG

- Compact, 3 point Hitch PTO Air Sprayer.
- Multi-purpose chemical applicator for Parks, Golf Courses, General Farming, Orchards and Vineyards.
- Multi-use Design Cuts Cost in half.
- Big Piston Pump offers Full Range from 20 to 500 P.S.I. and 12 GPM.

Lancaster County's Only Dealers Specializing
in Sprayer Sales & Service

LESTER A. SINGER

RONKS, PA

PH: (717) 687-6712
Mon.-Fri. 8 to 5



**THE EFFECTIVE WAY TO
REDUCE ENERGY COSTS**

For: Cooling in Summer
Heating in Winter

★ Applications Unlimited for
Agricultural and Commercial
Buildings.

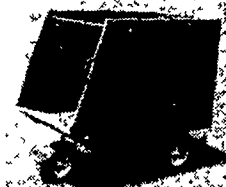
TRI-COUNTY

PHONE 717-274-3488 LEBANON PA.



SWINE SYSTEMS

SILAGE AND FEED CARTS



34" Wide, 62" Long,
53" high, capacity (to
feed 35 to 40 Cows.)
16" Ball Bearing
wheels
For very easy handling



28" wide, 60" long,
35" high, capacity
600 lbs.
Choice of 10"
pneumatic or semi-
pneumatic wheels

MANY OTHER SIZES AVAILABLE

We Also Manufacture Swivel Casters for
16", 12" and 10" wheels

MANUFACTURED AND DISTRIBUTED BY

SCENIC ROAD FARM SUPPLY

3539 Scenic Road Gordonville, Pa. 17529

2 1/2 Mi. Southwest of New Holland,

1 1/2 Mi. N. of Intercourse

—AUTHORIZED DEALERS—

AARON S. GROFF & SON
RD #3, Ephrata, PA
17522

PH: (717) 354-4631

ATLEE F. REBERT
RD 2 Littlestown, PA
17057

PH: (717) 359-5863

IRVIN J. PEACHEY
Star Route, Box 35
Belleville, PA 17004

PH: (717) 483-6714

**LAPP SHARPENING
SERVICE**
Gibble Road,
Route 2, Box 276
Myerstown, Pa. 17067

LAPP'S HARDWARE & DAIRY SUPPLIES
Box 96, Loop Rd., RD4
Quarryville, PA 17566

FARM BUREAU
Mill Street
Dublin, PA 18917

FARM BUREAU
115 Washington Ave.
Souderton, PA 18964

PH: (215) 273-4355

ROBERT GUTSHALL

RD 1212 Womelsdorf,

PA 19567

PH: (717) 933-4616

CHESTER INGRAM

Hublersburg RD 2

Bellefonte, PA 16823

PH: (814) 383-2798

DELIVERIES
AVAILABLE

Del. anti-gypsy moth campaign gears up for '82

NEWARK, Del. — Delaware experienced its first sizable outbreak of gypsy moths last spring. This came as no surprise to entomologists and state foresters, who have been monitoring the spread of this insect.

Strategy meetings were held early in the season for representative of local governments, agencies and communities likely to be affected by the outbreak. Their well-laid plans failed, however, when citizens panicked and started using a wide variety of control methods, many of which were useless because the pests were too mature, or the procedures used were simply ineffective.

Gypsy moth caterpillars will be chomping on tree leaves in some parts of northern New Castle county again next year. According to those who predict such events, Delaware's gypsy moth population has been growing for several years. Three hundred acres reportedly were involved in 1981. Feeding caused complete

defoliation in some cases.

"One defoliation usually doesn't kill most trees," says University of Delaware Extension pesticide specialist John McDaniel. "But if it occurs two years in a row, some may die." Reduced tree vigor seems to be the important factor in losses caused by this pest.

The insecticide most commonly used against the gypsy moth is Carbaryl — better known by its trade-name, Sevin. "This insecticide is reasonably priced and is effective if applications are made at the proper stage of worm development," the specialist says. The best time to apply Sevin is the first few days after caterpillars hatch.

In December of 1980 the U.S. Environmental Protection Agency completed a thorough study of Sevin and its effects on human beings. The study probably involved more research reports than similar studies on some medicines, since Sevin has been around longer than some of them, McDaniel says.

As a result of this very detailed scrutiny of Sevin, the EPA concluded that "the overall weight of evidence does not raise prudent concerns of unreasonable risk to human beings." It's hard to consider the EPA as soft on pesticides.

Sevin was introduced over 20 years ago and is labeled for use on more than 100 crops in the U.S. This chemical is readily biodegradable. That is, it quickly breaks down to become harmless substances. It is widely used to control pests on dogs, cats, and other animals.

Sevin will kill honeybees if they come in contact with it soon after application. Beekeepers have reported losing large numbers of bees as a result of spraying fields which were in bloom when treated. Kills of other beneficial insect species have also been found under similar circumstances.

Much of this adverse effect can be eliminated by not spraying plants while they are blooming.

"As is often the case," says McDaniel, "we have a product which works well and presents no unreasonable hazard to man when used properly, but which has the ability to harm local honeybees if misused." Pollination by bees is essential to crop production in many cases. People enjoy honey. And beeswax is a unique and useful product. So it behooves us to take steps to protect this valuable insect when treating for insect pests.

The simplest way to avoid injury to bees is to spray when the trees

used as food by gypsy moth caterpillars are not in bloom. Most species have finished flowering before the gypsy moth becomes a problem and treatment is called for.

Plans are now being made to hold several meetings in New Castle and Kent counties later this winter in order to coordinate 1982 control efforts. These meetings, which will be jointly sponsored by the Cooperative Extension Service and the Delaware Department of Agriculture, will be used to publicize the problem and to advise on what basis control decisions should be made.

IT'S MAGIC
How quickly
You Get Results
From Our
Classifieds!

PHONE
717-394-3047
or 717-626-1164

HOG PRODUCERS!

Get Top Price
for Your Hogs at
New Holland



Sold in sorted lots the auction way. See them weighed and sold and pick up your check.

SALE EVERY MONDAY - 8:00 A.M.

NEW HOLLAND SALES STABLES, INC.

Phone 717-354-4341

Daily Market Report - Phone 717-354-7288
Abe Diefenbach, Manager

FISHER'S PAINTING

■ SAND BLASTING ■ SPRAY & BRUSH
PAINTING ■ ROOF COATING
■ CEMENT COATING ■ RESTORING



Commercial • Agricultural • Residential

**ALSO - WILL DO SIGN
PAINTING AT OUR SHOP.**

AMOS FISHER

667 Hartman Station Rd.
Lancaster, PA 17601
717-393-6530



The satisfaction that comes
from doing a good job
of farming

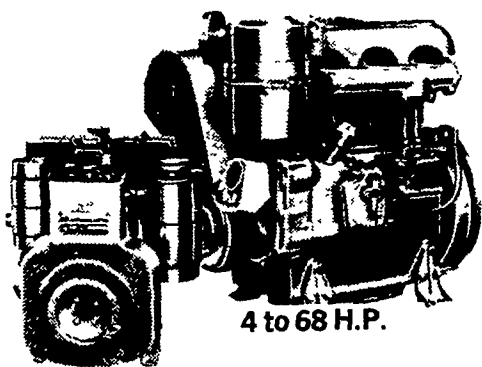
Liming is one of the most important factors in keeping your soil in the highest productive range. A good pasture with a pH of 6.5 or higher, for example, will make 300 to 400 lbs of beef per acre and produce up to \$100 gross income per acre. This means with the help of lime, profits from pastures can compare favorably with feed or grain crops.

ORDER NOW FOR
PROMPT DELIVERY
Blue Ball (717) 354-4125
Gap (717) 442-4148

**Martin
LIMESTONE**

LOMBARDINI

The Powerhouse
Diesel For Dairy and Shops
All Direct Injection
For Easy starting
COMPARE - 12 Month Warranty



4 to 68 H.P.

Lombardini Diesel Uses 1/2 or Less
Fuel Than Gas Engines
Less Downtime Than Gas Engines

The fastest growing line of small,
air-cooled diesels in America.

**CALL US FOR USED DIESELS
DIESELS OUR SPECIALITY**

Let Us Know Your Service Problems
24 Hour Service - Check Our Prices

DISTRIBUTOR:
**HOOVER DIESEL
SERVICE**

PH: 717-656-6133
2998 West Newport Rd.
Ronks, Pa. 17572
2 1/2 mile East of Leola-
Along 772
DEALER INQUIRIES
INVITED

DEALER:
**B.B. DIESEL
SERVICE**

PH: 717-786-2173
RD 3, Quarryville, Pa.
2 miles west of
Georgetown on
Furnace Road

EAR CORN

Paying Top Prices For
Good Quality Ear Corn

- Wet or Dry
- No Quantity too large or too small
- Fast Unloading - Dump on Pile & Go
- Easy access - 2.2 miles off 283 bypass-Manheim, Mt. Joy exit
- Daily Receiving 7:30 A.M. to 5 P.M. - unloading evenings & Saturdays by appt.
- Trucks available for pick up at your farm.

Call Anytime For Price
717-665-4785

JAMES E. NOLL GRAIN

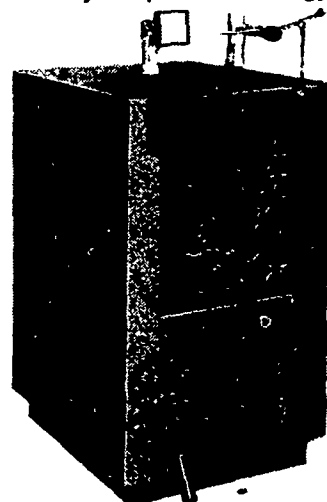
TIMBER EZE

Ingenious Wood/Coal Boilers

NOW AVAILABLE...

WOOD AND COAL BURNING BOILERS DESIGNED TO TIE INTO ANY HOT WATER HEATING SYSTEM

This means you can now heat your entire home with wood or coal and since this is an add-on boiler, you can use your present energy source — gas, electric, oil or



**BE INDEPENDENT OF
UTILITY INCREASES —
BUILD UP A SAVINGS
ACCOUNT BY OWNING
A TIMBER EZE**

solar, as desired, when not using wood or coal — the less costly fuels during frigid weather. The Timber-Eze boilers are engineered using space age technology for squeezing maximum BTU's of energy from solid fuels utilized in the heat chamber.

- Non-jamming intermeshing heavy duty cast iron grates
- Automatic dual draft system
- Designed and built to comply with the ASME Code
- Firebrick lined
- Extremely heavy construction
- Insulated jacket
- 12 and 19 gallon reservoir
- 1 1/2" Fiberglass insulation 3 sides.
- Wine color finish

A.R. FLAUD SALES

Timbereze Distributor & Sales

RD #2, Rock Road, Honey Brook, Pa. 19344
For More Information Call 215-273-3211
DEALER INQUIRIES WELCOME

Top corn yields call for careful water management

NEWARK, Del. — Scheduling irrigation in the humid East — which includes Delaware — is a real challenge.

Too much irrigation followed by unpredictable rain will leach valuable plant nutrients, contaminating the groundwater while wasting pumping energy. Too little can depress yields and profits.

"Proper scheduling begins with knowing how much water is being applied, how much the soil will

hold, and how fast plants draw water out of the soil reservoir," says University of Delaware agricultural engineer Tom Williams.

Research and Extension agricultural engineers at the university have been studying water use rates on field corn for the past six years. (Corn is the major irrigated crop in Delaware and the one that requires the most water.) Williams reported some of

their findings at the recent fifth annual Delaware Irrigation Conference in Dover.

He and his colleagues studied both irrigated and non-irrigated corn water use at six locations in southern Delaware from 1976 through 1979. Data collected over this time has made it possible for them to establish relationships between yield and consumptive water use. Results show that as

water use increased, yields went up.

Seasonal water requirements for 150 bushel an acre yields are approximately 18.5 inches. Two hundred bushel yields require about 25.4 inches.

"Rainfall supplies an average of 13.9 inches over the growing season. This leaves a net irrigation requirement of 11.5 inches for 200 plus bushel yields," he said.

To supply those 11.5 inches of irrigation water to the soil, approximately 15.3 inches per acre have to be pumped with an efficiency of 75 percent. (Some of the water evaporates before it hits the ground and is unavailable for plant growth.)

Does it pay to put this much water on? Yes, indeed; "Diesel fuel and oil cost less than \$5 per net acre-inch of water applied. Each inch makes 12.5 bushels an acre of corn," he said.

Peak water use occurs in July, from silking through the blister stage. Use varies between 0.23 and 0.36 inches per day, with an

average on high-yielding fields of 0.32 inches per day.

"A properly designed irrigation system should be able to supply this amount of water continuously with no rainfall," the engineer said. This requires pumping eight gallons per minute continuously for each acre irrigated.

Center-pivot systems can operate non-stop when it doesn't rain. But traveling big gun systems can't. These can cover only about 10 to 15 acres at a time, so they have to be moved to new sets periodically. If a system can operate only 20 hours out of each 24-hour day, the irrigation water requirement goes up to 9.6 gallons per minute per acre.

"It takes a lot of water to grow a lot of corn," Williams said. "At today's costs, you can't afford to waste any. This calls for careful scheduling." He's working now on corn water use graphs and other information which will be available next spring, to help irrigators do a better job of water management.

Franklin Co. Guernsey breeders discuss stray voltage

WAYNESBORO — Franklin County has one of the most active Guernsey Breeders organization in the state and they turned out in full force for the Winter Barn Meeting held Nov. 20th at Marion Benedict's, Long Lane Farm near Waynesboro.

The Guernsey Breeders welcomed as their guest speaker, Bob Witmer, the DeLaval representative in Franklin County. Witmer discussed the uninvited, unprofitable and unpleasant stray or transient voltage. He has had extensive experience working with local farmers on this problem and suggested that each farmer invest in a good voltmeter and use it. He went on to explain what to look for in cow behavior that might be traced to stray voltage.

Witmer emphasized that there are no clear cut answers to correct it once it is detected as each case is different.

According to a random sampling taken by County Agent Phil Wagner, 80 percent of the farms checked hand stray voltage to some degree. The group appreciated Bob sharing his first hand experience with this problem and helping to make them all aware of this insidious profit robber.

Schnebley of Crown Stone Farm, Clear Spring, Md., served as official judge for the three classes of cows in the judging contest. In the adult division, Eileen Moore

turned in the top score followed by Harold Hoffeditz. Doug Layman placed 1st in the Junior Division with Clair Garber. 2nd and Curtis Knepper, 3rd. Prizes for the contest were furnished by ABS - Chambersburg Farm Service, Atlantic Breeders, Clugston Implements and Cumberland Valley Co-op.

Ken Myers, President, opened the business meeting by introducing special guests which included Don Koons, ABS representative, Tom LaCorte, Vo-Ag teacher, James Buchannon High School, Art Salisbury, Carnation Genetics representative and Walter Mills, Atlantic Breeders representative.

The host, Marion Benedict then welcomed the group and gave a brief run-down on his farming operation and mentioned that there have been Benedicts in the

immediate area since the 1700's.

Brief reports were heard from National Director Seth Schnebley, State Director Dave Layman, and Ruth Ann Benedict, State field representative. Jeff Benedict was recognized for his Outstanding Guernsey Youth Award.

The cold and windy weather made the hot chocolate and donuts very much appreciated by those attending.



CONTACT US

For MANURE HANDLING EQUIPMENT

Semi- and Liquid Spreaders -
Ground Driven - Easy Running
Priced Reasonably

PIT ELEVATORS

COMPACT ROTO BEATERS

ALLIS CHALMERS AND

WISCONSIN POWER UNITS

PLATE SHEARING - BRAKE WORK

SMUCKER

WELDING & MANUFACTURING

2110 Rockvale Road
Lanc., PA 17602
PH: (717) 687-9198



Old Guard Mutual Insurance Company

Lancaster, PA 717-569-5361

"Friend of Farmers since 1896."

Our highest priority is to provide the best fire and casualty insurance to farmers in Pennsylvania. Our agent in your area will gladly give you a proposal without any obligation.

GLENN M. SINGLETON

Box 182, Ickesburg, PA

HARDING INS. AGENCY

Millville, PA

ELIZABETH W. NICHOLS

700 N. Front St., Liverpool, PA

RICHARDS INSURANCE SERVICE

203 Lincoln Way East, McConnellsburg, PA

WE ARE NOW THE



Woodstove Heat
By the people who know cold.

FACTORY OUTLET

For Coal/Wood Stoves/
Boilers/Furnaces
Fireplace insert

\$595

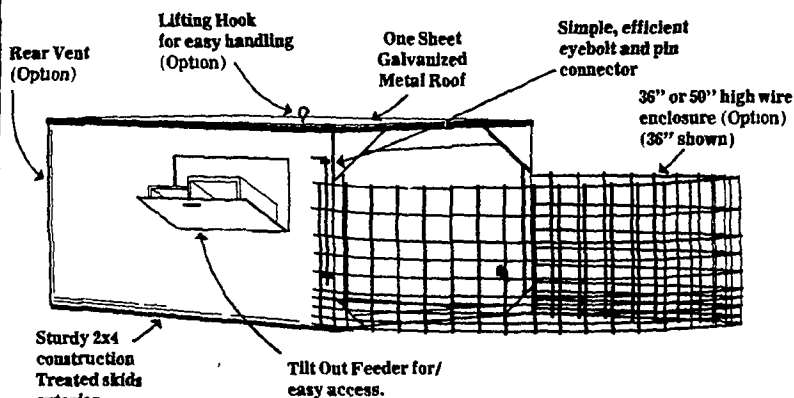
CHESTER B. NOLT

30 S. Hershey Ave. (Bareville) Leola, Pa. 17540

PHONE (717) 656-6898

Hours: Mon. & Tues. By Appointment
Wed., Thurs., Fri. 10 to 8; Sat. 10 to 4

Compare the Stoltzfus Woodwork Calf Hutch



ALSO AVAILABLE: TRACK FOR FASTENING CALVES
CHAINED TO CEILING OF HUTCH

Dealers: (Calf Hutches Only)

Adams County:

LIPPY & RINEHART SALES

Glen Lippy, Littlestown, Pa.

717-359-5793 or:

John W. Rinehart, Taneytown, MD

301-346-7326

Lebanon County:

UMBERGER'S MILL

Rt. 322, RD#4 Lebanon, Pa.

717-867-5161

Berks County:

JOE RUTH

RD #4133 Fleetwood, Pa. 19522

215-944-7571

Chester County:

ZOOK'S FARM STORE

Honey Brook, Pa.

215-273-2943

MFD.
BY:

STOLTZFUS WOODWORK

RD 2, Box 2280, Gap, PA 17527

717-442-8972

★ DEALERSHIPS AVAILABLE IN SOME AREAS ★

New & Used Silos
New & Used Extensions
Tear down & Rebuilt
Gunite silo relining
& repairs

Replastering, roofs,
permanent pipe &
distributors

Oxygen Limiting Silos
above and below ground
manure storage

Jamesway Unloaders
Barn Equipment

Write or Call

DETWEILER SILO REPAIR

Rd 2 Box 267-D
Newville, PA 17241

717-423-6791

717-776-7533

717-776-3288

Jr. Shorthorn producers receive awards

OMAHA, Nebr. — Three members of the American Junior Shorthorn Association have been named scholarship winners during activities at the North American International Livestock Exposition in Louisville, Ky. The winners of the Shorthorn Foundation-Don Longley Memorial Scholarships are Shad Marston, Canton, Ky.; Deborah Stout, Kremlin, Ok.; and Daniel Shoufler, Greenfield, Ind.

Marston, son of Mr. and Mrs. William Marston, is a 10-year 4-H member, having served as president and vice president for two years each, and three years as a 4-H Council member.

He has served as president of the Kansas Junior Shorthorn Association, and as vice president of the Kansas Junior Livestock Association. He presently is serving on the board of directors of the American Junior Shorthorn Association. He plans to attend Kansas State University at Manhattan, majoring in animal science.

Stout has also selected an animal science major for when she begins college at Oklahoma State University in Stillwater. The daughter of Mr. and Mrs. Don Stout, she has served as president and secretary of her 4-H club, and is winner of numerous livestock

judging contests. She has worked on a number of Shorthorn promotional projects and was the winner of the 1981 national Shorthorn speech contest. She has won numerous 4-H awards in beef production and agriculture.

Shoufler, the son of Mr. and Mrs. Jim Shoufler, plans to attend Purdue University, West Lafayette, Ind., majoring in animal science and agricultural com-

munications. He has been a 4-H member for eight years and is a four-year FFA member.

Rodney K. Dedmon, Shelby, N.C., was named the Outstanding Junior Shorthorn Breeder by the American Junior Shorthorn Association. The young cattleman, the son of Roy and Ruth Dedmon, is a 1980 graduate of the Agricultural Institute of North

Carolina State University in livestock management and technology. He presently is managing the family's 50-head cow herd and plans an expansion program aimed at maintaining excellence through performance testing.

The second annual Herdsman of the Year Award, also sponsored by the American Junior Shorthorn

Association, was also presented during the Louisville activities. This year's recipient, selected by his peers at the National Shorthorn Show, was Dave Steck, Wataga, Ill. Steck is presently in partnership with his father, Darrel, in a family Shorthorn operation and the young cattleman also fits show cattle on a custom basis for other Shorthorn and Polled Shorthorn breeders.

1981-crop wheat, barley producers receive deficiency payments

WASHINGTON, D.C. — Eligible wheat farmers will receive an estimated \$420 million in deficiency payments on their 1981 crop, while barley farmers will get about \$50 million, according to Everett Rank, Administrator of the U.S. Department of Agriculture's Agricultural

Stabilization and Conservation Service.

Eligible wheat and barley producers can receive deficiency payments for 1981 wheat and barley crops. Payments will be 15 cents per bushel for wheat and 11 cents per bushel for barley based on county ASCS established yields

for the farm.

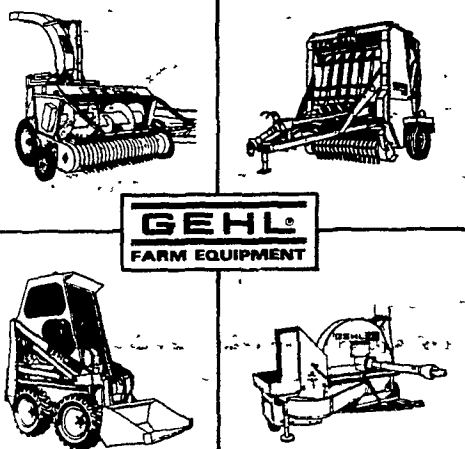
Payments will be made as soon after December 10 as possible. Eligible producers are those who have reported 1981 wheat and barley acreage to the county ASCS office.

Deficiency payments are required under the 1981 wheat and barley programs because average market prices received by farmers during the first five months (June through October) of the marketing year were below established target price levels of \$3.81 for wheat and \$2.60 for barley.

National weighted average market prices were \$3.66 per bushel for wheat and \$2.49 per bushel for barley. Thus, eligible producers will be paid 15 cents per bushel for their 1981-crop wheat and 11 cents per bushel for this year's barley.

The 1981 wheat crop totaled about 2.75 billion bushels, while the

1981 barley crop was about 476 million bushels. USDA estimates place the average farm price for these crops this year at \$3.80 to \$3.95 per bushel for wheat and \$2.45 to \$2.60 for barley. If these estimates prove correct, the value of the 1981 wheat crop would be between \$10.44 and \$10.85 billion, while the barley crop would be worth between \$1.17 and \$1.24 billion.



Waiver of Finance or Interest to YOU!

If you buy selected Gehl machinery before December 31, 1981, you can select Waiver of Finance or Gehl will pay YOU interest!

Stop by and get full details -- Waiver of Finance or Interest paid to YOU!

Eligible equipment includes qualified forage harvesters, haymaking equipment, skid steer loaders, Mix-All grinder mixers and forage machinery

PEOPLE'S SALES & SERVICE
Oakland Mills, PA
717-463-2735

N.G. HERSHEY & SON
Manheim, PA
717-665-2271

A. L. HERR & BRO.
Quarryville, PA
717-786-3521

S. JOHNSON HURFF
Pole Tavern
Monroeville, NJ
609-358-2565 or
609-769-2565

STOFFER BROS. INC.
Chambersburg, PA
717-263-8424

LEBANON VALLEY IMPLEMENT CO., INC.
Richland, PA
717-866-7518

ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
301-733-0515

UMBERGER'S MILL
Rt. 4 Lebanon, PA
(Fontana)
717-867-5161

ZOOK'S FARM STORE
Honey Brook, PA

MILLER EQUIPMENT CO.
RD 1
Bechtelsville, PA
215-845-2911

BINKLEY & HURST BROS.
133 Rothsville
Station Road
Lititz, PA
717-626-4705

AGWAY, INC.
Chapman Equip.
Center
Chapman, PA
215-398-2553

CHAS. J. MCCOMSEY & SONS
Hickory Hill, PA
215-932-2615

WERTZ GARAGE
Lineboro, MD
301-374-2672

CLAIR J. MYERS
Lake Road R1
Thomasville, PA
717-259-0453

PETERMAN FARM EQUIPMENT, INC.
225 York Rd.
Carlisle, PA
717-249-5338

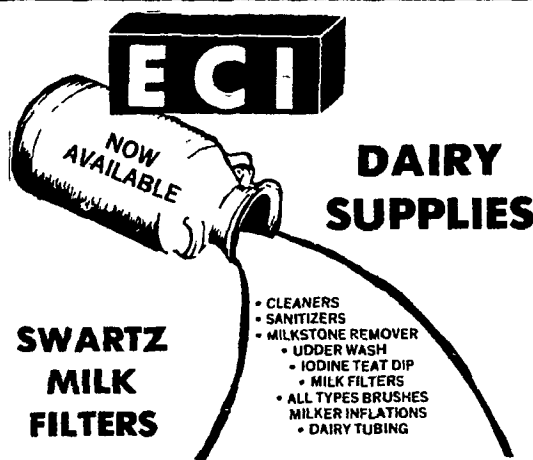
NO. 1 IN SALES FOR TROY-BILT Roto-Tillers



25% DISCOUNT
Plus FREE HILLER FURROW

GARDENWAY CARTS Priced Right!

NORMAN H. ZIMMERMAN, INC.
52 S. Ramona Road, Myerstown, PA
1/2 mile west Myerstown - West Main St.
Phone (717) 866-4695
Mon. & Fri. 8 to 5, Closed Tues.
Wed. & Thurs. 9 to 5, Sat. 8 to 11



CREUTZBURG, INC.
Livestock Supplies
Phone 717-768-7181

Open Daily - 8 to 5; Saturday 8 to 12
★ PRODUCTS ARE AVAILABLE BY MAIL
FREE DELIVERY on all Merchandise within 10 Mile Radius

Send For **CREUTZBURG, INC.**
FREE **Lincoln Highway East, Box 7**
CATALOG: **Paradise, PA 17562**
NAME.....
STREET.....
CITY.....
STATE..... ZIP.....

SAVINGS on package, pier & erection COSTS with the INFLATION FIGHTERS



FRAMED-RITE BUILDINGS, INC.
WELSH BUSH RD., FRANKFORT, NY 13340 315-724-5593



ZOOK MOLASSES CO. Offers MOLASSES FEEDING PRODUCTS FOR ALL ANIMALS

- Liquid Feeding Cane Molasses
- Honey Brook Brand Dried Molasses - 50 lb. Bag
- Z Brand Dried Molasses - 50 lb. Bag
- Beet Pulp - 50 lb. Bag
- Honey Brook Energiblock - All Natural 20 - No. Urea
- Energiblock - Hi Protein 36
- Energi Cubes for Horses

GOOD FOOD INC.

GOLDEN BARREL Household Molasses and Syrup

- | | | |
|--------------------|---------------------|-----------------------|
| ★ BAKING MOLASSES | ★ BARBADOS MOLASSES | ★ BLACKSTRAP MOLASSES |
| ★ PANCAKE SYRUP | ★ HONEY | ★ TABLE SYRUP |
| ★ CORN SYRUP | ★ SORGHUM SYRUP | ★ SHOO-FLY PIE MIX |
| ★ PURE MAPLE SYRUP | | |

MOLASSES FOR THE ANIMAL or THE KITCHEN

Contact:

ZOOK MOLASSES CO.
WEST MAIN ST., BOX 160, HONEY BROOK, PA. 19344
Phone 215-273-3776 or 717-393-3987
Call toll free in area code 215 & 717: 800-662-7464

Hereford Assoc. elects nat'l officers

KANSAS CITY, Mo. — The American Hereford Association held its 100th annual meeting in Kansas City and John R. Howarth, Cleveland, Ms., was elected to serve as president of the organization for the coming year.

Howarth has served the past year as senior vice president. He succeeds David Largent, Willsall, Mt., as president.

The annual meeting was held during the American Royal and other Hereford activities featured conventions of the American Junior Polled Hereford Association, American Hereford Auxiliary, as well as the Register of Merit show competition.

The American Hereford Association was formed in 1881 in Chicago. The headquarters of the

AHA were moved to the Kansas City area in 1884 and except for a few months early in this century, has been headquartered in Kansas City ever since.

Howarth operates the Circle H Farm where registered Hereford cattle, cotton, soybeans, wheat and rice are all parts of an extensive crop and livestock operation. The Circle H herd numbers some 300 cows. It has been active in performance testing through the AHA's Total Performance Records program and the cattle are merchandised primarily at an annual production sale. Circle H has been active in exhibiting their cattle on a regional and national level and has been supportive of junior work in the South and southeastern

areas of the United States.

Howarth and his wife, Susan, have six children and their sons and sons-in-law are all actively involved in various aspects of this family operation.

Elevated to the post of senior vice president was Jack Vanier, Brookville, Ks. Vanier is owner-manager of the extensive CK Ranch, a firm which has been in the Hereford business some 45 years. The CK herd was one of the first herds enrolled in the Total Performance Records program of the American Hereford Association. He is a past president of the Kansas Livestock

Association and has been active in the National Cattlemen's Association and the U.S. Meat Export Federation.

Vanier and wife, Dorna, are the parents of three children.

Newly elected to serve on the board of directors were Clifford Knight, Oklahoma City, Ok., and Leonard Lodoen, Westhope, N.D.

Knight operates the K74 Ranch located just north of Oklahoma City where some 100 cows are in the herd. The herd has been on the Total Performance Records program since being founded nearly 10 years ago. A native of the Oklahoma Panhandle, Knight

retired recently from the position as president of Demco, a manufacturer of oilfield and industrial products marketed and distributed world-wide.

Lodoen is the owner of Lodoen Hereford Farms, with some 180-head registered Hereford cattle on a diversified farming operation. Lodoen and wife Bette are the parents of four children. He is presently serving a second term as president of the North Dakota Hereford Association. Lodoen was recently appointed by the North Dakota governor to a seven-year term on the state's Livestock Sanitation Board.

Alfalfa problems can be overcome

DEKALB, Ill. — The most talked about problem in alfalfa production this year was the damage done by an 1/8-inch long, pale green, wedge-shaped bug called the potato leafhopper, says Wayne Fowler, DeKalb AgResearch Agronomist.

Leafhoppers suck the juices from alfalfa plants, causing yellowing or reddening of leaves and stems. Severe plant stunting may occur also. Leafhopper damage usually appears after the first cutting has been removed.

In 1982, producers should monitor their fields for leafhoppers by scouting fields just prior to first cutting and continue regular scouting throughout the season.

V-shaped leaf yellowing is an excellent indication of leafhopper damage; however, look for the insect itself since yellowing is also associated with drought stress, boron deficiency and certain leaf diseases.

Control methods are available. Your local extension or crop consultant can suggest economic threshold levels and cleared chemicals. Alfalfa varieties exhibit genetic differences in leafhopper tolerances, so discuss your concerns with your seed supplier, too.

A widespread disease in 1981 was crown rot of alfalfa. Typically, affected areas of an alfalfa field were described as stunted, off-color and lacking vigor relative to other parts of the field. Plants became discolored brown to black and were rotted.

Crown rots and dry root occur throughout the United States but are more common in areas east of the Mississippi river. A diverse group of fungus organisms is responsible for crown rots.

These fungi infect wounds from winter injury, machinery damage, insects and animals. They grow on dead tissue and proceed down the stem and infect the crown. Some areas of the crown can be healthy while other areas are rotted. Wet soils and cold weather favor the advancement of crown rots.

In 1982, help prevent crown rot by fertilizing properly, by controlling insects that can damage plants, by not over-grazing and by avoiding cutting stands five to six weeks before frost so to establish six to eight inches of top growth for overwintering. In the future, plant hardy alfalfas and avoid poorly drained soils.

Finally, Phytophthora root rot showed up again this year. Plant symptoms include yellowing and eventual death. Plants, both young and old, are affected. Typically, "Phyto" shows up as tap roots turning dark brown and rotting off two to four inches below the crown area. Affected plants turn yellow and die rapidly in wet, cool soils.

In 1982, plan to plow up severely infected stands. Seed new production in well drained soil and fertilize properly. Plant resistant varieties. On established stands, fertilize properly and avoid final cuttings after five to six weeks before first frost.

Gov't raises livestock grading fees

WASHINGTON, D.C. — Fees for U.S. Department of Agriculture grading and certification of livestock traded in commodity markets will be raised by \$3.20 an hour for work, in regular time. The increase, on an interim basis, became effective Nov. 29.

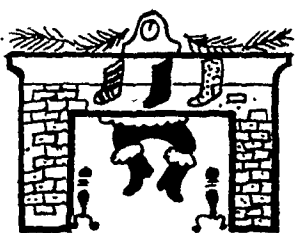
Thomas H. Porter, an official of USDA's Agricultural Marketing Service, said the increase is necessary because of increases in costs of conducting the grading and certification program.

Fees will be increased from \$20 to \$23.20 per hour for work performed between 6 a.m. and 6 p.m., Monday through Friday.

Grading and certification work performed on Saturday, Sunday and between 6 p.m. and 6 a.m. Monday through Friday will be increased from \$23 to \$28.20 per hour. Fees for work performed on legal holidays will be increased from \$40 to \$46.40.

Livestock is graded and certified on deliveries made to settle futures contracts for the Chicago Mercantile and Mid-America commodity exchanges and on livestock financed through the Commodity Credit Corporation for export.

Notice of the fee increase was published in the Nov. 5 Federal Register, available at most public libraries. Comments on the increase may be sent until Dec. 31 to James S. Ray, Livestock, Meat, Grain and Seed Division, rm. 2623-S, Rm. 2623-S, Washington, D.C., 20250.



PUBLIC SALE

SAT., DEC. 19, 1981

at 9 o'clock

At Goods Auctions, 111 North Maple Avenue, Leola, Pa.

Selling with 7 auctioneers. Tractor trailer load fruit - oysters - fish - shrimp, direct from Florida.

Large lot of dishes - including Corning Ware - (stainless steel) copper bottoms kettles, brooms, lights, mixers. Toasters (Express Wagons), Picnic tables, swing (pressure cookers), lawn chairs.

Large lot canned goods, sliced peaches, crushed pineapples, pie filling, jellies, peanut butter, honey & cheese.

FARM MACHINERY

Tractors - Spreaders - Plows - Harrows - Wagons - Mowers - Lawn Equip. - Shop Equip. - Tools of all kinds. Tractor chains, tow chains, new riding mowers, lawn mowers, we sell on commission.

Large lot new clothing, insulated boots, coats, jackets, sweaters, snowsuits, insulated suits, glove mittens, caps - T-shirts, pants, blue jeans.

Approx. 3 tractor trailer loads, lumber paneling plywood including furring stairs, 2x4 - 2x6 - 1x6 treated, 2x4 - treated, 4x6 treated. Lot of 2x12 up to 18 ft. long, door & windows.

Terms By,

DAVID H. GOOD & SONS

111 North Maple Ave.

PUBLIC SALE

GAS ENGINES, WOODWORKING TOOLS, COLLECTABLES, ETC.

SAT., DEC. 19

Sale Time 9:00 A.M.

On the premises along West Main St., Schaefferstown, Leb. Co.

1½ & 3 H.P. McCormick, 1½ H.P. Economy, & 1½ H.P. John Deere gas engines all in running order, most on carts, the following craftsman tools, 12" thickness planer w/220 motor, 12" band saw, floor model drill press, 6" jointer, lathe & chisels, router, old wall drill, post hole machine, cider press, dellinger grinder, large stone corn meal grinder, tornado shredder, pleasure sleigh, double box sleigh, wine press, manure sled, paint crusher, grindstone & motor, belt sander, ¼" & ½" elect. drills, elect. solder & glue gun, saw & other vises, workbench, elect. motors, adze, axes & hand tools, single hole corn sheller, old boring machine, rail pointing clamps, wooden wheelbarrow, asst. ladders, straw bench, asst. tables, wooden forks & rakes, etc.

Variety of Rough Lumber in Walnut, Cherry, Ash, Cedar etc.

National Cash Register, asst. store shelving & gondolas, nice wooden ice refrigerator, copper apple butter kettle, reed baby coach, old parlor suit, sewing rocker, baby cradle, spinning wheels, numerous kerosene lamps & lanterns, old tin, rotary & push mowers, B & W portable T.V., portable dishwasher, cameras like new, C.B. radios new, reel to reel tape recorder like new, & other items too numerous to mention.

Sale held indoors

Conditions By,

SAMUEL G. NETZLEY

Auct. - Weik, Habecker

Clerks - Hoover, Ogurcak

Lunch By St. Paul's U.C.C.

LARGE PUBLIC SALE

OF FARM EQUIPMENT AND CONSTRUCTION EQUIPMENT

SATURDAY, JANUARY 2 10 A.M.

York County Farm and Industrial Equipment Company, Emigsville, PA, 4 miles north of York, PA.

Blaine N. Rentzel, Sales Manager and Auctioneer

Consignments accepted only if absolute sale. Full ad to follow in next two weeks issues.

SAWMILL AUCTION

THURS., DEC. 17

at 10:00 A.M.

Rte. 15 (1 Mi. North) Covington, PA.

SELLING: Corley Sawmill, Beloit hyd. elec. debarker, Mellott hyd. log turner, Renco vertical edger, Mellott live belt deck, Beach trim saw, Cornell automatic slab saw machine, Mellott live throw off deck, Clay barn cleaner, Simonds 54" saw blade, Cornell sawdust cleaner w/power unit, slabsaw elevator, Carter shadow light, sawdust blower w/motor & piping, Tyrone-Berry hyd. carriage drive, I-R twin cyl. air compressor.

ALSO SELLING: Hermance Model 333 straight line rip saw w/blower, trim saw w/table & controls, 30" 2 head planer, DeWalt radial arm saw, Mid-Oregon jump trim saw (New), Sawdust blower w/heavy duty motor, Mec-300 trim saw, 16" single head planer, Leffel wood coal boiler, 30" sawdust blower, w/motor, Lightning 4 side planer moulder w/large quantity of heads, 3 ft. barn fan, 3 heavy duty transformers, Shop-Vac, Steel dump cart, 2 ton floor jack, hyd. lift dolly, Elec. welder, bench grinder, Vise, Chain binders, ½" Strapping machine, heater, Air Compressor, ETC.

EQUIPMENT

Ford 8000 Lift Truck, Diesel Eng.; Ford 4500 Lift Truck, Diesel Eng.; 1975 GMC 6500 Flatbed Truck; 1973 Ford F-250 4 X 4 Pickup w/Flatbed; 1956 Int. S-170 Truck w/hoist; Ford Dump Truck (No. Tran.)

Also Large Quantity of Lumber for Firewood.

TERMS: CASH OR GOOD CHECK.

Owners- TYCOV BOLTER INC.

Managed & Sold By: Dick Crittenden Auction Co. Mansfield, PA. 16933 717-662-3131

No Phone at Sale Site

Stumped on how to remove stumps?

UNIVERSITY PARK stump, however, none are fast, easy and cheap. The best removal method varies with each stump and depends on the location as well as

the amount of time, money and effort you wish to invest.

One method is learning to live with it. It consists of leaving the stump in place and ignoring it, or landscaping around it with a planter, or rock garden, or picnic table.

Jim Finley, Penn

State Extension forestry specialist, says, "Keep in mind that this is only a temporary arrangement since the stump will eventually rot away." A problem with this method is that fungus is closely associated with the rotting process, so it could be harmful to

small children.

One can speed up the rotting process by applying a high nitrogen fertilizer to the stump. Finley says, "Bacteria needs nitrogen to live, so the application of nitrogen could speed up the decay process."

Chipping requires a commercial tree service that chips away the stump and lateral roots to 10 inches below ground surface. This method is fast and easy but not cheap.

Saltpeter is the chemical generally found in "mystery ads" and can be purchased at a fraction of the cost of "mystery powders." Holes are drilled in the stump and saltpeter

filled in, then the holes are plugged and allowed to sit for two or three months. After the chemical diffuses through the stump, kerosene is poured on the stump and set on fire. But this method has been tested and found to be ineffective.

Burning by itself or in combination with chemicals is often dangerous because the stump can smolder for weeks and the chemicals can be carried through the roots to undesirable areas. Many communities have ordinances banning outdoor fires. Check

local authorities before burning.

Chopping and digging are not easy and requires a sharp ax and strong back. This method works if you are rugged and stubborn enough.

Pulling the stump out with a tractor or bulldozer is generally destructive to the rest of the yard and leaves a very large hole.

Stump removal is not an easy job, Finley says that no one method works well in all situations. Think carefully about all aspects of any method before trying it.

PUBLIC SALE

158 ACRE DAIRY FARM, BUTCHER EQUIPMENT, HOUSEHOLD GOODS, ANTIQUES GUNS, TOOLS, TRUCKS NEW YEAR'S DAY FRIDAY, JANUARY 1

at 9:00 A.M.

Located 1 mile off Route 143 on Balthaser Road between Lenhartsville and Virginville, Berks Co., Pa. Watch for sale signs.

Real Estate consists of a 158 acre dairy farm with approx. 117 acres tillable, 8 acres woodland, 20 acres meadow, windmill pump, pond, and stream. Thereon is a 60'x88' bank barn with room for 39 stanchions, a 12'x50' cement silo, a 24'x48' 6-bay garage, a lg. combination crib & storage shed, other out-buildings, and a 2 1/2 story stone & frame home with 4 rooms on first floor and 4 bedrooms & bath on second floor. Real Estate inspection by appointment, call (215) 562-8258. Real Estate will be offered at 12:00 Noon. Terms are 10% day of sale, balance on or before 90 days. Blizzard date Jan. 9, 1982.

Sale For:

WARREN & CLEO BOYER

Auctioneer:

Dennis F. Wagner

Phone (215) 562-7445

SEIF & DANOFF ATTORNEYS AT LAW GERALD DANOFF, TRUSTEE
Painter's Mill Professional Bldg.
Owings Mills, Md. 21117

TRUSTEE'S SALE

IN BANKRUPTCY

FARM MACHINERY, TRUCKS, AND DAIRY EQUIPMENT SATURDAY, DECEMBER 19

10 A.M. Sharp

Sale on the premises at main complex; see directions: Pursuant to Notice of Hearing in the U.S. Bankruptcy Court for the District of Maryland, In Re: John M. Connelly, Jr., Case No. 81-2-0820, the undersigned Trustee will sell at public auction the following farm machinery, trucks, dairy equipment, etc. at the farm located on Connelly Road, Rising Sun, Cecil Co., Md. From Pa. state line, Rt. 222, go south 1/2 mi. to Connelly Road, east 1 mi. to farm. From Rising Sun, go south on U.S. Rt. 1, 4 mi. to Connelly Road, west 1 mi. to farm.

FARM TRACTORS & MACHINERY: Int'l 756 tractor, Int'l 856 tractor, J.D. 4020 tractor, A.C. 5050 tractor w/loader, J.D. 5020 tractor, Int'l 350 tractor, 630 Bobcat skid loader, Int'l M tractor, Int'l M tractor, Int'l 1256 tractor, A.C. riding mower, N.H. 1880 forage chopper w/4 wheel drive & remote hyd. kit, N.H. 1495 haybine, Int'l 710 5 bottom 16" plow, J.D. 146 loader w/dozer blade, N.I. corn picker, Oswalt trench silo unloader, Int'l H tractor w/saw buck, 9' chisel plow, Arps 3 pt. hitch 8' scraper blade, Pegbee hay fluffer, Lilliston 7' rotary mower, J.D. 15 A flail chopper, Int'l 500 Cyclo corn planter w/attachments, John Blue sprayer 300 gal. tank, Patz liquid manure loader, Patz manure agitator, N.H. 516 spreader, N.H. 518 spreader, 2 Int'l 7' sickle bar mowers, Crust Busters 14 1/2' fold away disc, 2 2A pull type disc harrows w/cultipacker, N.H. 36' elevator, Vicon PTO seeder, Danuser post hole digger, 4 gravity bins w/running gears, N.H. 850 round baler, N.H. 276 baler w/thrower, 6 hay wagons, Black feed wagon, hyd. gravity bin auger, N.H. 618 chopper, N.H. blower w/pipe, hay rings, 13,000 gal. liquid fertilizer tank, 2 gas heaters, lime spreader, 2 N.H. 5 bar hay rakes, N.H. 890 A chopper head, N.H. 890 W3 chopper head, N.H. 890 chopper head, cement mixer, cab for 856 tractor, 3 feed tanks, J.D. 115 chuck wagon, magnetic feeder & tank, dual rake hook-up, bunk feeder, N.I. 1019 dump wagon, Winpower generator, N.I. 8 roll free husking bed, misc. tools & farm supplies, including 480 free stalls.

DAIRY EQUIPMENT: Mueller 3000 gal. milk tank w/condensor & washing system, Double Six Herringbone milking parlor & auto. feeders, Surge 3000 gal. bulk tank & washing system. New Surge Triple 4 milking parlor & all equipment; used approx. 4 mo. & is in excellent condition. Also, other dairy equipment & supplies. The DAIRY EQUIPMENT will be sold at 1:00 P.M. Sharp.

TRUCKS & CAR: 1958 Dodge 10 wheel truck w/3200 gal. manure tank, 1962 1 1/2 ton Int'l stake body cattle truck, 1968 Dodge 3/4 ton pick-up, 1971 Ford 3/4 ton 4 wheel drive pick-up 1963 Dodge 1 1/2 ton truck w/Lamco self unloading forage box, 1968 Dodge 1 1/2 ton flat bed dump truck w/14' flat, 1960 Ford 10 wheel truck w/3200 gal. manure tank, 1968 Ford 10 wheel dump truck, 1958 Freuhoff tandem axle dump trailer with 24' body, 1960 Int'l 220 single axle, 1964 Int'l 220 tractor, single axle, 1958 Dodge, 1974 Chrysler New Yorker.

TERMS: CASH, CERTIFIED CHECK, MONEY ORDER, OR APPROVED CHECK ACCOMPANIED BY BANK REFERENCE.

GERALD DANOFF, Trustee
Not responsible for accidents day of sale.
Lunch will be served.

ABERDEEN SALES CO. INC.

Auctioneers

P.O. Box C, Aberdeen, MD. 21001

Phone: 301-734-6050

734-7105 Night

Rabies cases on rise

HARRISBURG—The incidence of rabies has been on the increase in neighboring states and a slight increase has shown up in several Pennsylvania Counties, according to State Agriculture Secretary Penrose Hollowell.

"Fourteen cases of rabies in skunks, raccoons and a ground hog were reported in Allegheny County, Maryland during the period of September-October 1981, and over 130 cases were reported in Virginia this year.

Rabies appears to be moving northward in skunks and raccoons, and the abundance of these animals will increase the spread of the disease," Hollowell said.

Three cases of rabies in skunks were reported this fall in the State College, Centre County area and one case in the Altoona area. These were the first cases of rabid skunks in Pennsylvania in over two years. The first case of rabies in a cow since 1973, was diagnosed this

fall in Adams County.

"Rabies is an acute virus disease which can affect warm-blooded animals including man. The incidence of the disease has been low in recent years in most cases found in bats," but, Hollowell said, "it is still a serious problem, certainly one which we cannot afford to take lightly."

The majority of positive rabies cases have involved bats, raccoons and skunks. However, dogs and cats have been found with the disease and pet owners should take precautionary measures.

Hollowell said that a rabies vaccination for a pet dog or cat is a simple, safe and effective way to protect your pet. Rabies vaccine comes in two types: an inactivated virus vaccine which is administered annually, and a modified live virus vaccine which is administered every three years.

"If bitten by an animal or bat, the person should take several precautions," Hollowell said. "Don't panic, try to identify the animal. Never ignore an animal bite. Wash the wound with soap and a lot of water and call your physician. Bites should be reported to the police."

"Do not try to catch or kill the animal unless absolutely necessary," Hollowell said. "The police or our State Dog Law Officers are trained and better equipped for that job."

Pet owners who suspect their animal has been exposed to a rabid animal should confine the pet and immediately call a veterinarian for professional advice. The incubation period of rabies varies from a few weeks to more than a year.

Hollowell noted the Department's Summerdale Laboratory provides rabies diagnostic services free of charge. Results of diagnostic testing are reported to the concerned individuals as soon as testing procedures are complete.

CONSIGNMENT AUCTION

MONDAY, DEC. 14, 1981

9:30 A.M.

- ★ Usual Run of Tractors, Machinery and Construction
- ★ Sale Starts with Christmas Selection of Tools & Tarps

WE ACCEPT CONSIGNMENTS ANYTIME

Tractors sell at approximately 2:30 followed by construction

WENGER'S FARM MACHINERY, INC.

251 S. Race Street, Myerstown, PA 17067
717-866-2135

PUBLIC SALE

of 67 ACRE FARM SATURDAY, JANUARY 2 at 2 P.M.

Located 2 miles North of Manheim along Rt. 72; Rapho Twp., Lancaster Co., PA.

67 ACRES, more or less, w/approx. 45 acres tillable w/stream and pond. FRAME BANK BARN (needs some repairs), silo, and another building w/3 car Garage below.

2 1/2 STORY BRICK DWELLING containing 8 rooms (4 rooms w/laundry attached on first floor & 4 rooms on second floor). Oil-fired hot-water heat.

Good location off the main road!

Persons wishing to view property may do so Saturday, Dec. 12, from 12-4 P.M. or by calling 299-0421 or 665-4136 for an appointment.

Sale by:

MICHAEL GLEIBERMAN J. David Young, Attorney

Auctioneer:

Rufus Geib (665-4136)

Terms: 10% down day of sale, Financing Available!

PUBLIC AUCTION

of Four Valuable Properties For the Estate of William G. Randler

MONDAY, DECEMBER 14

Number 1. 18.23 Acres of Land, in Clay Township, Lancaster County, Pa. Located along Mt. Airy Road, between Mt. Airy and Hopeland. Zoned Rural Residential.

Number 2. 10 Acres of land, in Clay Township, Lancaster County, Pa. Located just West of Mt. Airy along Church Road. Zoned Residential Low Density.

To get to Mt. Airy, take route 322 west from Ephrata to Durlach Road, turn right onto Durlach Road, 2 miles to Mt. Airy.

Auction of Clay Township properties, to be held at property No. 2, at 12:00 NOON on Monday, December 14, 1981.

Number 3. 42,295 Square Foot wooded lot, in West Cocalico Township, Lancaster County, Pa. Located along Swamp Bridge Road, between Schoeneck and Reinholds. Zoned Open Space.

Auction of West Cocalico Township lot to be held at the lot on Monday, December 14, 1981 at 2:00 p.m.

Number 4. 61.29 Acre Farm, in West Cocalico Township, Lancaster County, Pa.

Location: Take route 272 North from Ephrata to Schoeneck Road, turn north on Schoeneck Road, through Schoeneck, to Hertzog Valley Road, turn right onto Hertzog Valley Road to property on left.

To be offered in 4 parcels and as a whole.

Parcel No. 1: Consists of 25.38 Acres and Farm Improvements.

Parcel No. 2: Consists of 11.56 Acres.

Parcel No. 3: Consists of 14.6 Acres.

Parcel No. 4: Consists of 7 lots to be offered as 1 unit of 9.75 Acres.

Auction of the above Farm to be held on the Farm on Monday, December 14, 1981 at 3:00 p.m. Zoned:

Drawings of each property are posted on the premises.

Terms: 10% down day of Auction, balance at Final Settlement within 60 days.

Inspection or Detailed Brochure: Call Ephrata National Bank Trust Dept. (717)-733-8576 or call Auctioneers.

Public Auction by the Estate of William G. Randler Ephrata National Bank Executor

Shirk, Reist & Posey, Attorneys

Auction Conducted by:

John E. and Paul E. Martin, Auctioneers

(717)-733-3511 (717)-733-3305

Ephrata, Pa.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

DECEMBER

SAT DEC 12 - 10 A.M.
Public Sale of Valuable Real Estate, Household Goods, Guns, Tools and Motorcycle Location Rt 272 south of Lancaster, 4 mi south of Buck, west onto Spring Valley Rd., at 2nd stop sign left onto State Hill, 1 1/4 mi to sale Vasilios Katsanevakis Lloyd H. Kreider and Randal V. Kline, Auctioneers Gary L. Shirk, Apprentice

SAT DEC 12 - 12 P.M.
Public Sale of Farm Land and Improvements Located on Connelly Rd., Rising Sun, MD, from PA state line, Rt 222, go south 1/2 mi to Connelly Rd., east 1 mi to farm From Rising Sun, go south on US Rt 1 - 4 mi to Connelly Rd., west 1 mi to farm John M. Connelly, Jr. Aberdean Sales Co., Inc., Auctioneers

SAT DEC 12 - 9:30 A.M.
Public Sale of Woodshop Equipment and Antique Household Items. Located along West Main Street, Schaefferstown, Lebanon Co. Warren G. Kurtz, Owner G. Harvey Weik, Auctioneer

SAT DEC 12 - 4 P.M.
Public Sale of Household and Antiques. Located at RD 1, Palmyra, PA, north on Railroad St., west on Ridge Rd. Ralph B. Heisey, Auctioneer

SAT DEC 12 and 19 - 9:30 A.M.
Public Sale of Plumbing and Heating Equipment, Machines, Tools and Supplies. Located at 15 Ridge Ave., Ephrata, Lancaster Co., PA John Z. Fry H.H. Leid Auction Service

MON DEC 14 - 2 P.M.
Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON DEC 14 - 9:30 A.M.
Consignment Sale Located at S. Race St., Myerstown, Pa 17067 Sale held by Wenger's Farm Machinery, Inc.

MON DEC 14 - Public Auction of Four Valuable Properties for the Estate of William G. Randler 18 2/3 acres and 10 acres in Clay Township and these properties will be sold at property No 2 1200 Noon Located just west of Mt. Airy, To get to Mt. Airy, take Route 322 West from Ephrata to Durlach Road, turn right onto Durlach Road, 2 miles to Mt. Airy No 3 42,295 sq foot wooded lot in West Cocalico township located along Swamp Bridge Road, between Schoeneck and Reinholds. This to be sold at lot at 2:00 P.M. No 4 61 29 Acre Farm in West Cocalico Township sold at 3 P.M. Location - take route 272 North from Ephrata to Schoeneck Road, turn north on Schoeneck Road, through Schoeneck to Hertzog Valley Road, turn right onto Hertzog Valley Road to property on left Public Auction by the Estate of William G. Randler, Ephrata National Bank Executor, John E. and Paul E. Martin, Auctioneers

MONDAY, DEC. 14 - 12:00 Noon Special Horse Sale of Driving Horses to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa just off Rt 23, New Holland, Pa For more information contact Abe Dittenbach, Manager

TUES and WED DEC 15 and 16 - 10 A.M.
Public Sale of Assets of Fabricating Plant Located at Fox Products Co., 4720 N 18th St., Philadelphia, PA. William F. Comly and Son Inc., Auctioneers.

TUES DEC. 15 - 7 P.M.
Public Sale of Cattle Located at the Dairy Sales Barn at Galena, MD. Joseph Rudnick, Auctioneer.

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer.

THURS DEC. 17 - 12:30 P.M.
Public Sale of Cattle Located at the Pennsylvania GBA Sales Pavilion, Lancaster, PA

PA Guernsey Breeders Assoc

THURS DEC. 17 - 10 A.M.
Public Sale of Sawmill. Located at Rt 15 (1 mi north) Covington, PA. Tycov Bolter Inc., Owners Dick Crittenden Auction Co

FRI DEC 18 - 1:30 P.M.
Public Sale of Pigs. Located at Westminster Livestock Auction, Westminster, MD

SAT DEC. 19 - 12:30 P.M.
Public Sale of Lawn and Garden Tractors and Diesel Tractors, Mopeds, Mowers, Tools and Snowmobiles. Located at Martindale, PA, 322 East East of Ephrata to traffic light, Hinkletown turn left to

turn left to Martindale and turn left on Grist Mill Rd to auction on right. Randal Kline and Lloyd Kreider, Auctioneer.

SAT DEC. 19 - 9 A.M.
Public Sale of Real Estate Located at 26 W. Main St., Strasburg PA, just west of Strasburg Square Howard G. Johnston Estate Howard Shaub and Roy C. Probst, Auctioneers.

SAT DEC 19 12:30 P.M.
Public Sale of Lawn and Garden Tractors, Diesel Tractors, Mowers, Mopeds, Snowmobiles, Tools and Accessories. Located - Travel Rt 322 East of Ephrata to traffic light in Village of Hinkletown turn left to

Martindale. Turn left Gristmill Rd. and follow signs to auction, Lanc Co., PA. Terms by Lawn Care of Penna., Daniel Z. Martin and Son, Randal V. Kline and Lloyd H. Kreider, Auctioneers.

SAT DEC. 19 - 11 A.M.
Public Sale of Antiques, Oriental Rugs, Household

Goods and Car. Located at 1130 Marie Avenue, Ephrata, PA. Turn off Rt. 322 at Hummer Rd. (Lincoln Bank), drive to second block and turn left onto Marie Avenue. Terms by Bruce and Emelie Dougherty, T. Glenn and Timothy G. Horst, Auctioneer.

SPECIAL HORSE SALE

OF DRIVING HORSES
MONDAY, DEC. 14th

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of
Lancaster, Pa. just
off Rt. 23
New Holland, Pa.



- 1 load saddlebred driving horses consigned by Don Boring.
- 1 load saddlebred driving horses consigned by Ben King.
- 1 load standardbred driving horses consigned by Reuben G. Stoltzfus.
- 1 load standardbred driving horses consigned by Jonas Beiler

For more information Contact:

Abe Dittenbach, Mgr.
717-354-4341

Norman Kolb
717-397-5538

Sale Reports

A public sale of woodland in Juniata County was held on December 5. There were 2 tracts of land with a southern exposure which bordered state land.

The one lot was 27 acres and the other 29 acres. The timber on them was bid to \$17,500 but the land and timber on both lots was then bid to \$57,000 and sold.

Long Bros. were the auctioneers.

xxx

The 4th Annual Eastern Shore Equipment Dealer's Assn. Farm Equipment Sale was held December 5 at the U.S. 13 Dragway, Delmar, Delaware.

Some prices included: J.D. 4430 tractor \$15,500, J.D. 60 tractor \$1,225, J.D. 3010 tractor \$2,300, M.F. 165 tractor \$6,550, Ford 2000 (rough condition) \$2,775, Int. 715 Combine \$9,800, J.D. Bush-Hog \$650, Flail Cutter \$925 and D 4 Caterpillar \$2,800.

Pete Richardson, auctioneer & sale mgr.

A public auction of farm machinery was held on Dec. 5 by Marie K. Litton, Phillipsburg, N.J. About 500 people attended the sale.

Some prices included: Ford 8600 tractor \$12,200, Ford 5000 tractor \$6,500, J.D. 2630 tractor \$6,600, J.D. 1010 tractor with loader \$4,850, J.D. 4400 combine \$19,000, I.H.C. 1975 1600 dump truck \$6,700, J.D. 7000 corn planter \$3,600, chisel plow \$1,800, I.H.C. four-bottom reset plow \$1,550.

Col. Fred R. Daniel, Neshanic Station, N.J. was the auctioneer.



PUBLIC SALE

OF ANTIQUES, ORIENTAL RUGS
& HOUSEHOLD GOODS & CAR

Ephrata
SATURDAY, DECEMBER 19

At 11 A.M.

Located at 1130 Marie Avenue, Ephrata, Pa. (Turn off Rt. 322 at Hummer Rd. (Lincoln Bank) drive to second block and turn left onto Marie Avenue).

Persian Rugs.

Sarouk 9'x14 1/2' Sarouk 10'x18'; Kirman 4'10"x3'3"; Kirman 24"x32" (Small Rose); Tillihan 4'11"x3'4" (Rose color); Chinese 9'x12' (Rust Color-Dragon).

Oriental Throw Rug; (3) Dark Blue Chinese Throw Rugs; Two - 6 pc. Solid Mahogany Bedroom Suites.

19 cu. ft. G.E. Side-by-Side Refrigerator-Freezer (like new)

Amana 18 cu. ft. Chest-type Freezer; G.E. Automatic Washer; G.E. Automatic Dryer; R.C.A. Portable B. & W. T.V. and T.V. Table; 8 Solid Mahogany Chairs (Reed Seats - 2 Arm Chairs); Round Tier Table.

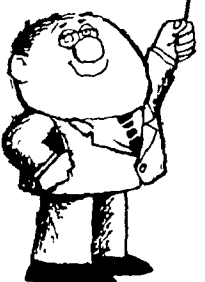
Hahn-Eclipse Self-Propelled Rotary Power Mower (like new)

1968 Buick Skylark (newly inspected - good condition).

Terms by:

BRUCE & EMELIE DOUGHERTY

T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331



A LESSON
WELL
LEARNED...
LANCASTER
FARMING'S
CLASSIFIED
ADS
GET RESULTS!

Phone:
717-394-3047
or
717-626-1164

Seif and Danoff, Solicitors Gerald Danoff, Solicitor BANKRUPTCY SALE

VALUABLE DAIRY CATTLE,
FARM MACHINERY, DAIRY
EQUIPMENT, HAY & GRAIN
SATURDAY, DECEMBER 19

at 10:00 A.M.

LOCATION: On the farm located off Cohill Rd., Clearspring, MD. Take Rt. 70W to Williamsport exit (Rt. 63), right towards Huyett, turn left at traffic light onto Rt. 40W, go 4-5 miles to Thompsons Funeral Home and turn right on Cohill Rd. to farm.

NOTICE: Pursuant to notice in hearing in the matter of Alvin H. Horst and Elva Horst, Case #81-11611 in the United States Bankruptcy Court for the District of Maryland, Gerald Danoff, Trustee intend to offer for sale at public auction at the date, time, and place specified above to the highest bidder or bidders, as is, where is, the following described property.

64 HEAD CATTLE
HOLSTEIN COWS - ANGUS STEERS & HEIFERS

NOTE: This is a herd of all 1st calf heifers showing a lot of dairy character with good udders. These cows are carrying service to A.I. Sires and will be pregnancy checked and blood tested.

32 head of milking age Holstein cows; 13 bred heifers, exposed all summer, some springing; 2 open Holstein heifers; 5 Holstein steers weighing 400-600 lbs.; 7 Angus steers weighing 250-300 lbs.; 4 open Angus heifers; 1 service age Black Angus Bull.

FARM MACHINERY
INT. 205 COMBINE, SN 3806
W/2 ROW CORN & 13' GRAIN HEADS

Deutz D5206 4 wheel drive tractor, 2000 orig. hrs.; Allied 660 front end loader w/fork & bucket; Deutz D10006 tractor, SN 5019836, 4600 hrs.; Int. Farmall H tractor; cultivators for H tractor; Int. 990 9' hay bine; N.H. 269 kicker baler, SN 52446; N.I. pull type wheel rake, SN 158691; Oliver trippack (4) 16" bottom semi-mounted plow; Ford (2) 14" gang plow; Athens 11' chisel plow, 3 pt. hitch; Oliver 9' heavy duty transport disc harrow; M.F. 14' rotary hoe harrow, 3 pt. hitch; 6' Dearborn 11-135 disc harrow w/3 pt. hitch, SN 3172; J.D. 9' disc harrow, SN 184A-08; Ford 2 row cultivator, 3 pt. hitch; 8' cultipacker; Grove 7' scraper blade; Int. (4) 38" row model 56 corn planter w/dry fertilizer & insecticide boxes; J.D. 15 disc grain drill; Int. 1150 grinder/mixer w/elec. scales; (3) grain augers; (4) sm. bin type grain dryers; Gandy preservative applicator; Kools model 54 blower w/shaker pan, SN B8274; J.D.

16A flail chopper; N.I. 224 manure spreader w/dual wheels, roller chain & hyd. gate; N.I. model 176 36' hay elevator, SN 39418; 12' Cross elevator; (2) Dion self-unloading variable speed wagons w/14' box & 10 ton Grove running gear; (4) flat bed wagons; Hesston 200 gal. sprayer; 1965 Ford 100 pickup (poor cond.); Chev. truck w/J.D. 125 bus. grain tank w/auiger unloader; Seed Easy 2 bus. seeder; Hanson 16 PTO roller pump; (4) calf hutches; feed & water troughs; Jet post driver; 30 ton press; 60' bunk; 12' covered feed trough; motor puller w/hyd. 3 ton jack; 3 prs. Sunbeam clippers; vise; barbed wire; Lincoln 225 welder; grnd-stone w/elec. motor; shovels; forks; wheelbarrows; and misc. tools.

DAIRY EQUIPMENT

625 gal. Sunset milk tank w/5 HP compressor & double fan; 1 1/2" glass pipeline; (4) Bou-Matic units; Bou-Matic vacuum pump w/3 HP motor; double vat S/S wash tub; (4) 5 gal. DeLaval S/S milk buckets; steel dairy rack; Redi-Hot hot water heater; XR-16 semen tank; complete breeding box; misc. ABS & Sire Power semen (semen will be sold separate from tank).

STRAW - HAY - GRAIN

Approx. 3500 bales clean wheat straw; approx. 1000 bales of oat straw; approx. 1700 bales timothy hay; approx. 800 bales 1st cut alfalfa hay; approx. 500 bales oats & alfalfa hay; approx. 300 bus. oats; some shelled corn and feed.

SALE ORDER: Small tools, machinery, feed, dairy equipment, cattle.

TERMS: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashier's Check, Travelers Checks, or Money Order. Personal or company checks will be accepted when accompanied by Valid Bank Letter of Guaranteed Payment. Trustee reserves the right to withdraw any of the items listed above at any time up to and including sale day.

EVERYTHING SELLS TO
THE HIGHEST BIDDER
REGARDLESS OF PRICE

AS-IS, WHERE-IS

GERALD DANOFF, Trustee

Bikle & Strawsburg, Clerks

Lunch Available

"Please Clip This Ad"

Trout
Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663-1555

Public Sales Register

SAT. DEC. 19 - 6:30 P.M.
Danville Livestock
Market, horse sale

located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

SAI DEC. 19 - 10 A.M.
Public Sale of Farm
Machinery, Tractors, and
Dairy Equipment Located
on Connelly Rd., Rising
Sun Cecil Co., MD From

PA state line
south 1/2 mi. to Connelly
Rd., east 1 mi. to farm
From Rising Sun, go south
on U.S. Rt. 14 mi. to Con-
nelly Rd. west 1 mi. to
farm Gerald Danoff,
Trustee, Aberdeen Sales
Co., Inc. Auctioneers.

Lancaster Farming, Saturday, December 12, 1981—D33

SAT. DEC. 19 - 9 A.M.
Public Sale of Gas
Engines, Woodworking
Tools, Collectibles and
Etc. Located on the
premises along West Main
St., Schaefferstown, Leb.
Co. Conditions by Samuel
G. Netzel, Weik and
Habecker, Auctioneers

SAT. DEC. 19 - 9 A.M.
Public Sale of Farm
Machinery, Food Items
and Misc. Located at 111
North Maple Ave., Leola,
PA. Terms by David H.
Good and Sons.

MON. DEC. 28 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner

SAT. DEC. 19 - 10 A.M.
Public Sale of Valuable
Dairy Cattle, Farm
Machinery, Dairy Equip-
ment, Hay and Grain
Located on the farm off
Cohill Rd., Clearspring,
MD. Take Rt. 70W to
Williamsport exit (Rt. 63),
right towards Huxett, turn
left at traffic light onto Rt.
40W, go 4-5 mi. to Thomp-
sons Funeral Home and
turn right on Cohill Rd to
farm Gerald Danoff,
Trustee. Trout Auc-
tioneers

SUN. DEC. 20 - 2 P.M.
Public Sale of Real Estate
Located in Ramsey
Village, Pine Creek, PA,
north of Jersey Shore
along the Pine Creek
Road, Rt. #44 Estate of
Elizabeth Ramsey Bob,
Chuck and Rich Roan,
Inc., Auctioneers.

MON. DEC. 21 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner

TUES. DEC. 29 - 11 A.M.
Real Estate at 1 p.m. Sale
of 12 Acre Farm, Lumber
and Misc. Building Items
Located along Spring
Hollow Road midway be-
tween Terre Hill and Chui-
chtown, PA. Sale by Paul
and Verna Sauder, Nevin
Martin and Lewis Groff,
Auctioneers

JANUARY

FRI. JAN. 1 - 9 A.M. Public
Sale of Farm, Butcher
Equipment, Household
Goods, Antiques, Guns,
Tools and Truck Located
1 mi. off Rt. 143 on
Balthaser Rd. between
Lenhartsville and
Virgenville, Berks Co., PA.
Sale for Warren and Cleo
Boyer, Dennis F. Wagner,
Auctioneer

FRI. JAN. 1 - 10 A.M.
Public Auction of 1965
Dodge auto, 1953 Dodge
pickup, Lawn and Garden
Tools and Shop Tools by
Ruth Fasnacht, Ex. of the
Wm. Moyer Estate located
in the village of Reinholds
at Creamery Road and
Lincoln Ave., Lancaster
County, PA. Frank and
Paul Snyder, Auctioneers.

JAN. 1 - 9:00 A.M.
Farmersville Auction in
Farmersville, 3 mi. East of
Brownstown, Lancaster
County, Pa. John J. Rutt,
Auctioneer

SAT. JAN. 2 - 9 A.M.
Public Auction of Real
Estate, Household Goods
and Antiques by Ruth
Fasnacht, Ex. of the Wm.
Moyer Estate located in
the village of Reinholds on
Main St., Lancaster Coun-
ty, Pa. Frank and Paul
Snyder, Auctioneer

SAT. JAN. 2 - 2 P.M.
Public Sale of Farm
Located 2 miles north of
Manheim along Rt. 72,
Rapho Twp., Lancaster
Co., PA. Sale by Michael
Gleiberman, Rufus Geib,
Auctioneer

SAT. JAN. 2 - 9:30 A.M.
Public Sale of Tractors,
Located from I-81 south of
Martinsburg, WV, take ex-
it #5 (Inwood, WV) Rt. 51
east approx. 3 1/2 mi. to
Larry's Market (formerly
Haines) Turn right, 2 of a
mi. to sale. Or from
Charles Town, WV, take
Rt. 51 west, go approx. 8
mi. to Larry's Market,
turn left, 2 of a mi. to
sale. Miller and Bohrer,
Auctioneers.

MON. JAN. 4 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

THURS. JAN. 7, 1982,
9:30 A.M. Dispersal of
Holstein herd, hi grades &
reg., horse drawn farm
machinery, work horses.
Located 3 mi. south of
Strasburg. Terms by Gi-
deon B. & Katie Stoltz-
us. Steve Petersheim, Auc-
tioneer

FRI. JAN. 8 - 5:30 P.M.
Gap Auction. Antiques
and Household Goods
sold at every auction.
Located off Rt. 41, Lan-
caster Turkey Hill Minit
Market, cross RR bridge,
Ira Stoltzhus & Son, Auc-
tioneers.

PIGS

STATE
GRADED SALE

FRIDAY,
DEC. 18
1:30 P.M.

AT
WESTMINSTER
Livestock Auction
Westminster, Md.
Ph. (301) 848-9820

COMPLETE DISPERSAL

Thursday, Dec. 17 • 12:30 P.M.
Pennsylvania GBA Sales Pavilion
Lancaster, Pennsylvania

Due to the untimely passing of Austin Cheney, owner, his executors have ordered the immediate dispersal of the entire Falcon's Flight herd.

**60 COWS • 5 BRED HEIFERS • 9 HEIFERS JUST BRED
33 YOUNG HEIFERS & CALVES • 3 WELL-BRED YOUNG BULLS**

20 Cows Due or Fresh at Sale time, Balance in all stages
Rolling Herd Ave: 11454M 4.8% 545F • Records range from 11450M to 20000M
November 1981 Appraisal Avg: 80

Most of the popular bulls are represented in this herd
The herd has been rigorously culled. Only sound, saleable cattle will be offered.
Vaccinated for Bangs, TB accredited, Bangs certified
Will be tested for anaplasmosis

PLEASE CONTACT THE SALES MANAGERS FOR FURTHER INFORMATION

THE MERRYMAN COMPANY
John B. Merryman, P.O. Box 566,
Sparks, Md. 21152, Phone 301-771-4624

PENNSYLVANIA GUERNSEY BREEDERS ASSOC.,
Lee Yost, 2497 Lincoln Hwy. E., Lancaster 17602.
Phone 717-299-8955 or 761-5885.

Seif & Danoff Attorneys At Law
Gerald Danoff, Trustee
Painter's Mill Professional Building
Owings Mills, Maryland 21117

TRUSTEE'S SALE

In Bankruptcy
**HIGHLY VALUABLE FARM
LAND & IMPROVEMENTS**

LOCATED IN RISING SUN, CECIL CO.,
MARYLAND. TOTALING 795 ACRES,
more or less, presently ZONED A-R;
detailed as follows:

Sale on the premises at main complex;
see directions below.

SATURDAY, DECEMBER 12

12:00 P.M. Sharp

Pursuant to Notice of Hearing in the U.S.
Bankruptcy Court for the District of
Maryland, In Re: John M. Connelly, Jr.,
Case No. 81-2-0820, the undersigned
Trustee will sell at public auction the
following real estate and improvements,
free and clear of all liens, located on
Connelly Road, Rising Sun, Md. From Pa.
state line, Rt. 222, go south 1/2 mi. to
Connelly Road; east 1 mi. to farm. From
Rising Sun, go south on U.S. Rt. 1-4 mi.
to Connelly Road, west 1 mi. to farm.

PARCEL 1. This parcel consists of approx.
184.5 acres, more or less, of which 138 acres,
more or less, is highly tillable; the balance
being wooded or partially cleared. This parcel
fronts on Connelly Road and there are no im-
provements.

PARCEL 2. This parcel consists of approx. 127
acres, more or less, of which 96 acres, more or
less, is highly tillable; balance is wooded.
Parcel fronts on Bridge and Quarry Road.

IMPROVEMENTS: 1. 1 story frame house,
very old, in fair condition, with living rm., lg.
kitchen, 3 bedrooms, space heater & well water.
2. Frame barn approx. 2500 sq. ft. in poor
condition. 3. Frame barn approx. 2300 sq. ft. in
good condition.

PARCEL 3. This parcel consists of approx. 258
acres, more or less, of which 194 acres, more or
less, is highly tillable ground. Remainder is in
woods or pasture with possibility of farm use
for a portion thereof. Fronts on Connelly Road.

IMPROVEMENTS: 1. Surge triple 4 triangle
milking parlor completed in January 1981;
new, modern dairy. 2. DeLaval double six
Herringbone milking parlor with large dairy. 3.
3 stall milking parlor. 4. Free stall barns with
capacity for 500 cows; concrete under foot.
This complex was designed for 5 groups of
cattle with water and feed facilities for each
group. Mow storage for approx. 400-500 tons of
hay or straw available. 5. Manure holding
pond. 6. Older building with drive-thru, corn
cribs each side & storage area. 7. Concrete
block bldg. used for repairs and shop work. 8.
Metal/pole machinery bldg. 9. Open pole bldg.
used for round bale storage. 10. 2 wire corn
cribs. 11. 1 trench silage pit/concrete bottom;
cap. 6000 tons, 180x62 & 2 trench silage pits with
concrete bottoms, 180x26. 12. Fickes silo 14x50
w/unloader. 13. 3 wells for water. 14. Large
swimming pool with filtering system; 3 yrs.
old.

PARCEL 3A: Consists of approx. 100 acres,
more or less, of which 80 acres, more or less, is
highly tillable; remainder in woods or pasture.
Fronts on Roop Road.

IMPROVEMENTS: 1. 2 story brick home in
good condition; full basement, oil heat, well
water. House contains living rm. with fire
place, dining rm., kitchen, 5 bedrooms, 1 bath. 2.
Brick spring house. 3. Wooden bank barn.

PARCEL 4: Consists of approx. 122 acres,
more or less, of which approx. 92 acres, more
or less, is highly tillable; balance in woods and
pasture.

IMPROVEMENTS: 1. Modern concrete block
station-type dairy barn with stalls; large cap.
mow storage. 2. Double silo 12x50 with
unloader. 3. Patz barn cleaner. 4. Concrete
block dairy. 5. Pole shed for small calves. 6.
Open type barn for heifers or dry cows. 7.
Frame 2 story home in good condition con-
sisting of living rm., dining rm., new kitchen, 5
bedrooms, 1 bath & utility rm.; oil heat, well
water. 8. Small frame barn in fair condition. 9.
Small frame storage bldg.

PARCEL 5: Consists of approx. 4.65 acres,
more or less, of unimproved land fronting on
and accessible to U.S. Rt. 1.

PARCEL 6: Consists of approx. 1.16 acres,
more or less, fronting on Connelly Road.

IMPROVEMENTS: 1 story frame home in
excellent condition with 1 car frame garage.
Home consists of living rm. with fire place,
dining rm., kitchen, utility rm., 2 lg. bedrooms, 1
bath, full basement, oil heat, & well water.
Subject to Life Estate of Fred & Ruth Connelly.

PARCEL 6A: Consists of 1 acre, more or less,
with the following improvements: Very old
stone & stucco home in very good condition;
consisting of living rm. with fire place, dining
rm., lg. kitchen, utility rm., bath & enclosed
porch on 1st floor. Second Floor: 5 bedrooms, (1
with fire place), & bath. Triple car port and
front porch. Subject to Life Estate of John
Connelly, Sr.

PLEASE NOTE: After all parcels have been
offered, the bids will be held in reserve and the
entire tract will be offered as a whole and will
be sold in the manner producing the greater
amount.

TERMS OF SALE: A deposit of 10% in cash or
certified check will be required of the pur-
chaser(s) at time and place of sale. Balance
due in cash at time of settlement which must
occur within 30 days following the sale. Interest
to be paid on unpaid price at 12% per annum
from date of sale to date of settlement. Con-
veyancing, recording, settlement costs and
transfer tax and Documentary stamps shall be
born by the purchaser.

GERALD DANOFF, Trustee
ABERDEEN SALES CO., INC.
Auctioneers

P.O. Box C
Aberdeen, Md. 21001
Phone: 301-734-6050
734-7105 Night

PLEASE NOTE: Inspection of property from
Dec. 7, 1981 thru Dec. 11, 1981 between the
hours of 10 A.M. & 4 P.M. or by special ap-
pointment.

PUBLIC SALE

OF 12 ACRE DAIRY FARMETTE
FARM EQUIPMENT

CONSTRUCTION TOOLS, SUPPLIES
TUESDAY, DECEMBER 29
11:00 A.M.

LOCATION: From Terre Hill go east to
Spring Grove, then take Union Grove Rd.
app. one mile to Spring Hollow Rd., turn
left, second property on right, Caer-
narvon Twp., Lancaster Co., Pa. Watch
for yellow sale signs.

A certain tract of land consisting of
12 Acre Dairy Farmette

**TWO STORY FRAME
SEVEN ROOM FARM HOUSE**
with closet in each room. Full bath, large
laundry.

40'x60' MIRACLE SPAN BANK BARN
with 24 tie stall stanchions. Rubber mats.

30'x60' LOAFING SHED attached to barn.
14'x14' cement block milk house attached to
barn. 14'x45' cement stave silo.

30'x34' EQUIPMENT POLE SHED 24'x40'
TWO STORY BLOCK AND FRAME GARAGE
and Shop. 12'x16' Two Story Block and Frame
Chicken House. Well with pressure system.

NOTE: All buildings were built in 1980, most
of them have electricity.

OPEN HOUSE: Saturdays, December 19-26
or by appointment. TERMS: 10% down day of
sale, settlement in 90 days.

REAL ESTATE AT 1:00 P.M.

FARM EQUIPMENT

International T.D. 6 with Blade, good con-
dition; P.T.O. for Int. T.D. 6; Gehl 95 Grinder-
Mixer; Case Grinder-Mixer; Hesston No. 10
P.T.O. Haybine; A.C. Forage Wagon; New
Idea 201 P.T.O. Manure Spreader; J.D. 494A 4
Row Cornplanter; J.D. 43 3 pt. Corn Sheller;
J.D. 28 Disc, like new; M.H. 16 Offset Disc;
M.F. 3 pt. 3-14" Trip Bottom Plow; N.H. 24'
Elevator; Int. 8' Disc 1 Row Cornhead for N.H.
717 Harvester; 12' Corn Drag; 2 - 51" J.D.
Utility Steel Wheels, like new; Portable Hog
Catcher and Trailer; 3 pt. Hay Rake; False
End Gate and Winch; 5 Ton Metal Feed Bin;
12'x36" Tractor Tires; 7.5 H.P. Single Phase
Motor with Starter and 25' Cord; Surge S.P. 22
Milker Pump; Agstar 12 Hole Round Hog
Feeder; 7 - Calf Hutches; Platform Scale; 24'
Silo Roof with Gooseneck and Hoops; several
55 gal. Drums; New 4'x6' Cow Mat; Misc.
Farm Hand Tools; Scrap Iron.

**8'x12' INSULATED UTILITY BARN on
skids**

Construction Tools and Supplies

Rockwell 3' Wood Copying Lathe with at-
tachments and motors; Century 120,000 Ready
Heater; Portable Air Compressor with 6 1/2 H.P.
Kohler Engine; Paslode Model M.A.W. 16 R
Staple Gun; Clipper 36" Troweling Machine;
42" Ball Float with 2 handles; Dial N Angle
Siding Table; U6 Temp Service Pole; Transit;
Trailer Brake Controller; Miter Box and Saw;
Lyon Miter Trimmer; Mason Tools; Jig Saw
with motor; 27 Drawer Nail Cabinet; Ladder
Jacks; 4' Level; Bifold Closet Door Hardware;
Misc. Plumbing and Electric Supplies; Rakes;
Shovels; 30 SHEETS 1/2" EXT. PLYWOOD;
Lots of Misc. Cabinet Doors; Used House Doors
and Windows; 2 - Alum. House Doors; Misc.
Alum. Siding; Misc. Molding and Trimming;
Used Lumber; 2 - 6"x6"x12' Hand Hewn
Walnut Logs; Misc. Plastic Pipe.

Sale for
PAUL AND Verna SAUDER
215-445-5987

Atty.: Linda Kling
Aucts.: Nevin Z. Martin, Lewis R. Groff
Clerks: Martin's

Lunch Served - Not
Responsible for Accidents

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

MON JAN 11 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON. and TUES JAN 11
and 12 - Public Sale of
Bred Gilt. Located at the
Farm Show Bldg., Har-
risburg, PA. Small Arena.
PA Co op Swine Breeders
Assn. Harry Bachman,
Auctioneer.

SAT JAN 16 - 6:30 P.M.
Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

MON JAN 18 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON JAN 25 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT JAN 30 - Public Sale
of Antiques and
Household Goods
Located just off Rt 322 on
the rear of Galen's, W
Main St., Ephrata, PA. Ida
Mae Kinzer Estate T
Glenn and Timothy G
Horst, Auctioneers.

FEBRUARY

MON FEB 1 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON FEB 8 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT FEB 13 - Public Sale
of Farm Implements,
Livestock and Household
Goods. Located midway
between Bowmansville
and Fivepointville, in
Brecknock Twp., Lanc
Co, PA - turn off Rt 625
at first road south of
town, Pleasant Valley Rd.,
travel 1 mi turn left on
Leid Rd., 1st farm Noah
Leid, Owner LeRoy S
Horst and Paul W Horst,
Auctioneers.

MON FEB 15 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

THURS. FEB 18 - 9:30
A.M. Public Sale of Horse
Drawn Farm Machinery

MON FEB 22 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

FRI FEB 19 - 9:30 A.M.
Public Sale of Cattle.
Located 4 mi south of the
Bucks, PA in Chestnut
Level Terms by Aaron
and Emma Stoltzfus.
Steve Petersheim,
Auctioneer.

SAT FEB 20 - 6:30 P.M.
Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

SAT FEB 20 - 11 A.M.
Public Sale of Horses
Located at the Belleville
Livestock Market,
Belleville, PA. Mark Glick,
Auctioneer.

MON FEB 22 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

FRI FEB 26 - 9:30 A.M.
Public Sale of Antique
Tractors, Engines, New
and Used and Abused
Farm Equipment, New
Tools and Fruit. Located
10 mi. east of Lancaster,
2 1/2 mi. west of New
Holland, turn off of Rt 23
on S Groffdale Rd., turn
left on Musser School Rd.,
Lancaster Co., PA. Elias S.
Beiler, Robert E. Martin
and Son, Auctioneers
656-7770 Frank L.
Steller and Blaine Ren-
zel.

SAT FEB 27 - Public Sale
of Farm Equipment.
Located 2 1/2 mi west of
Shippensburg, PA off Rt
533 Arthur Gayman
Ralph W Horst, Auc-
tioneer.

MARCH

MON MAR. 1 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

TUES MARCH 2 - Public
Sale of Farm Equipment,
Tools and Household
Goods. Located along
Cabin Rd., 1/2 mile west of
Hinkletown. Aaron S. and
Mabel Weaver. Nevvin
Martin and Lewis Groff,
Auctioneers.

WED. MARCH 3 - Public
Sale of Farm Machinery
and Household Goods
Located one mi. north of
Middlesex. John Firten-
baugh. Ralph W. Horst,
Auctioneer.

PUBLIC SALE OF REAL ESTATE

(3 Story Brick 3 Unit Apt. House & 2
Story Frame Barn)

FINE ANTIQUE FURNITURE — GLASSWARE &
CHINA — OLD BOOKS — OLD TOOLS — FINE
GOLD COINS — COIN SILVER & STERLING
1957 CHEVY

SATURDAY, DECEMBER 19, 1981

At 9:00

Located at 26 W. Main St., Strasburg,
Pa. Just west of Strasburg Square.

Real Estate: 3 story brick house w/12 rms. &
3 baths. House contains 3 apts. Lot size: 51'
frontage by 252' depth more or less. Property
will be open for inspection Sat's., Dec. 5 & 12
from 10 until 12 noon. Real Estate to be sold at
2:00.

Walnut Bachman dbl. bed; 2 fine high brass
sing. beds; dbl. brass bed; fine brass light
w/music stand & marble base; brass clothes
tree. other furniture in walnut, Vict., Windsor,
cherry, pine, oak, mahg., plank bottom,
Empire etc. Othello grn. & white coal cook
stove w/bun warmer; mirrors & picture
frames; crockery; blue deco. butter crock;
iron ashtray w/dog smoking cigar etc. Articles
in iron, brass, tin, blue & gray agate, wood.
Lots of old books, sheet music, post cards,
campaign buttons; Xmas pins; old hats &
clothing. sterling silverware; 6 coin silver
spoons. 14K gold lady's Elgin watch, 14K gold
pin w/blue stone & pearls; man's 17 jewel Elgin
& 17 jewel Hamilton watches; gold watch chain
& other jewelry. Brass trumpet & baritone
horns. Oil lamp; German bisque baby; fine lg.
Santa light bulb; coin spot sugar shaker;
pressed glass, German, Limoges, ironstone,
flint, Japan, pink, grn. & yellow Depression
glass, other glassware & china not listed. Old
cooking utensils. GOLD COINS: 1851 \$1; 3 - \$2 1/2
(1906, 1911, 1915); 3 \$5; 1875-CC \$10; 1907 \$10;
1882-S \$20; 1895-S \$20; 1924 \$20 w/lettered edge.
35 silver dollars. 1806 & 1836 half dollars & other
coins. Coins to be sold at 1:00

Savage 22 rifle; 1957 Chevy 2 door sedan
w/straight shift. 32' wooden ext. ladder; metal
wheel barrow; old hand boring mach.; 3 broad
axes; post hole ax; draw knives; wooden
planes & other tools. NO OUT OF STATE
CHECKS ACCEPTED. Food served.

Lg. Sale. 2 Auctioneers selling at 10:00

Sale by

HOWARD G. JOHNSTON ESTATE

First Nat'l. Bank of Lanc. Co.

Executors

Ranck & Ranck, Attys.

Howard Shaub Auctioneer 464-3541
and Roy C. Probst

YEAR END PUBLIC AUCTION

LAWN AND GARDEN TRACTORS
DIESEL TRACTORS - MOWERS
MOPEDS - SNOWMOBILES
TOOLS - ACCESSORIES
SATURDAY, DECEMBER 19
12:30 P.M.

LOCATION: Travel Route 322 East of
Ephrata to traffic light in village of
Hinkletown. Turn left to Martindale, turn
left Gristmill Road and follow auction
signs to auction, Lanc. Co., Pa.

NEW EQUIPMENT: Yanmar 240 4WD 24 Hp.
Diesel Trac.; Yanmar 155 4 WD 15 Hp. Diesel
Trac.; Satoh Mitubisti 4WD 16 1/2 Hp. Diesel
Trac.; Massey Fer. 205 20 Hp. Diesel Trac.; 5 &
8 Hp. Front and Rear Tine Tillers; 2 Lawn Boy
Mowers; 2 Garelli Mopeds; White Yard Boss
1622 16 Hp. Twin w/50" Cut; 7' x 10' Trailer and
2 Kerosene Heatmate Heaters. Category 1 &
Category 0 Woods 5' Blades.

GOOD USED EQUIPMENT: Ford tractor 3400
w/industrial loader, hvy. duty front end, 3 pt.
hookup & PTO; B6000 Kubota
Diesel Trac. w/48" mower. JD 12 Hp. 312 Auto.
w/38" Mower (like new); JD 110 w/Mower and
Snowplow; 12 Hp. Massey Auto w/42" Cut; 12
Hp. Grasshopper w/44" Cut; MF 7 Hp. 34" Cut;
Case 118 Hydro 8 Hp. w/34" Cut; 16 Hp. Simp-
licity Auto. w/Mower & Snowblower; GT 14
Wheel Horse w/3 Pt. Roto Tiller, Mower and
Snow Plow; Graveley 13 Hp. Twin w/Mower;
10 Hp. Homemade High Clearance Trac.
w/Cultivator; PA Tractor 7 Hp.; Allis B12
Trac. w/Mower & Snowblower; JD 68 Rider 6
Hp.; Hahn 5 Hp. 24" Snow Blower (like new); 5
Hp. Heavy Duty Self Propelled Mower;
Jacobson 3 1/2 Hp. Mulcher Mower (self-prop.);
Dump Cart; 5 Hp. Tiller; JD Self Prop. Mower;
SNOWMOBILES - 79 Kawasaki 440 Liquid Cool
Invader (like new); 73' Scorpion 440 Super
Stinger; 73' Moto Ski 440; 72' Rupp 295 Twin;
73' Ski Whiz 440 T; Ski Whiz 330S; 73' Polaris
TX 340; 73' AMF 500 cc Twin Cylinder; 73' AMF
Single Cylinder.

TOOLS & ACCESSORIES: Pipe Wrenches;
Screw Drivers; Socket Sets; Wrench Sets;
Castrol Snowmobile Oil; MF Windbreaker
Jackets; New Face Shields & Goggles; Used
Tires; 10 8.25-15", 12 Ply. 7.15-16" 8 Ply; 2 Tires
& Wheels 8.25-20" 10 Ply.; 9.00-20" 10 Ply; 8.00-
15" 4 Ply; 8.00-16" 8 Ply Plus 20 Odd Tires plus
other items too numerous to mention. NOTE: A
real fine selection of new and good used
equipment. Don't miss this before Christmas
Sale! Financing available.

TERMS BY:
LAWN CARE OF PENNA.
Daniel Z. Martin & Son
215-445-4541

Sale Conducted By:
Randal V. Kline (717) 733-1006
Lloyd H. Kreider, Auctioneers

KLINE & KREIDER
AUCTIONEERS

Phone (717) 733-1006

AUCTION OF REAL ESTATE SUNDAY, DECEMBER 20 at 2 P.M. sharp

Property consists of a very desirable two story frame colonial style home
situated on 4.4 acres of land with a large barn and two car garage located in
"Ramsey Village" Pine Creek, Pa.

The location is north of Jersey Shore along the Pine Creek road, Route #44.
Watch for auction signs. This area is extremely well known for it's won-
derful recreational facilities which include excellent trout fishing,
swimming and boating on Pine Creek and very fine white tail deer, black
bear and wild turkey hunting. Also this property is situated along the
eastern side of the highway and creek and does not flood.

The frame house first floor contains a 12' x 30' living room with brick
fireplace, 12' x 15' dining room, 12' x 17' kitchen, 8' x 10' pantry and powder
room off the kitchen. The second floor contains four large bedrooms and
bathroom. The attic contains a 13'x14' bedroom and storage room. Heating
system is oil fired Iron Fireman hot air unit with two oil tanks. 52 gallon
electric water heater and storm windows. This property has been surveyed
recently. This is a very desirable property and should be inspected for your
satisfaction.

Inspection of property: Sunday, December 6, 1981 and Sunday, December
13, 1981 from 2 to 6 P.M.

Conditions: The executors reserve the right to reject any or all bids on the
real estate. 10% deposit required at time of knock down by cashier or
certified check, the balance upon delivery of deed. Any other conditions
will be announced day of sale.

For further information contact the auctioneers

Williamsport National Bank:
Executors for the Estate of the Late
ELIZABETH RAMSEY

Bob, Chuck & Rich Roan, Inc.
Licensed & Bonded Auctioneers
Box 118 R.D. #3
Cogan Station, Pa. 17728
Phone 717-494-0170

PENNSYLVANIA ALL BREED BRED GILT SALE JAN. 11-12, 1982

Farm Show Bldg. Harrisburg, Pa.

Small Arena

Sale Arena Phone (717)-787-4160

Berkshire:

Arlie Cornblower
#1 Box 41
New Freedom, PA 17349

Chester White:

Charles Griest
Rt. #1
Abbottstown, PA 17301

Duroc:

Ken Fetterolf
R. #1 Box 314
Centre Hall, PA 16828

Hampshire:

Charles Bomgardner
Annville, PA 17033

Landrace:

Larry Baum
R33 Box 422
Elizabethtown, PA 17022

Poland:

Keith McConnell
Box 46
Volant, PA 16156

Spotted:

Clair Hartman
Box 222
Gratz, PA 17030

Yorkshire:

Leon Arnold
R#5 Box 705
Lebanon, PA 17042



Auctioneer:
HARRY BACHMAN
138 College Ave., Annville, PA
17003
Tel: 717-867-1809

MAY BE REMOVED FOLLOWING SALE
WHEN SETTLEMENT MADE

PA. CO-OP
SWINE BREEDERS ASSN.

This publication
is available in microform.

University Microfilms International
300 North Zeeb Road Dept. PR Ann Arbor MI 48106 USA

**DEALER IN ALL KINDS
OF LIVESTOCK**
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI. MARCH 5 - 9 A.M.
Public Sale of Machinery.
Located at the Belleville
Livestock Market,
Belleville, PA. Glick, Gib-
boney and Gilligan, Auc-
tioneers.

18th Annual Bart Twp.
Fire Co. Sale to be held
March 6, 1982. Horse
Drawn and Farm
Equipment, Building
Material, Housewares,

Antiques, Horses and
Lawn Eq. Also lg.
selection of food by ladies
auxiliary. Located at the
fire hall in Bart Twp.,
Georgetown, PA.

SAT. MARCH 6 - Public
Sale of Farm Equipment.
Located near Middlespr-
ing, about 1 1/2 mi. nor-
thwest of Shippensburg,
PA. David Weir Ralph W
Horst, Auctioneer

MON. MAR. 8 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON. MAR. 15 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT. MARCH 20 - 6:30
P.M. Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

SAT. MARCH 20 - Public
Sale of Farm Equipment.
Located near Victor, NJ.
Saxby Imp. Co. Annual
Sale. Ralph W. Horst and
Blaine Rentzel, Auc-
tioneers.

SAT. MARCH 20 - 10 A.M.
Public Sale of Modern
Farm Equipment. Located
off Rt. 283 at the Salunga
Exit, go south on Prospect
Rd to Eby Chiques Rd.,
RD 3, Mt. Joy, Pa. For
Minnie V. Gantz, C.H.
Wolgumuth, Auctioneer.

MON. MAR. 22 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT. MARCH 27 - Steve
Gallant Potato Farms
Complete Dispersal,
Sweden Township, Potter
Co., PA. Sale by Pirrung's,
Wayland, NY or Ulysses,
PA. 814-848-7421

MON. MAR. 29 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

APRIL

SAT. APRIL 3 - Estate of
Richard L. Sarginger
Potato Equipment Disper-
sal, Sweden Township,
Potter Co., PA. Sale by
Pirrung's, Wayland, NY or
Ulysses, PA.
814-848-7421

MON. APR. 5 - 2 P.M. Dan-
ville Livestock Market,
cattle and hog auction
Located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

SAT. APRIL 10 - 9:30 A.M.
Public Sale of Farm Equip-
ment, Tools and Etc.
Located 4 miles west of
Manheim, PA, 10 min
from Rt. 283, Lancaster
Co., PA. C.H. Wolgumuth
and Sons Annual All Day
Consignment Sale

MON. APR. 12 - 2
P.M. Danville
Livestock Market, cattle
and hog auction. Located
Old Route 11, Danville,
PA. Melvin M. Lehman,
owner.

SAT. APRIL 17 - 6:30 P.M.
Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

MON. APR. 19 - 2
P.M. Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

Lancaster Farming, Saturday, December 12, 1981-D35

SAT. APRIL 24 - 16th Col-
onial Charolais Spring
Sale, at the Farmers
Livestock Exchange, Win-
chester, VA. Sponsored
by the Colonial Charolais
Assoc. Sale managed by
Buzz Garey, 100 Walnut
Lane, Morrisville, PA
19067.

MON. APR. 26 - 2
P.M. Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MAY

MON. MAY 3 - 2 P.M. Dan-
ville Livestock Market,
cattle and hog auction
Located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

MON. MAY 10 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT. MAY 15 - 6:30 P.M.
Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

MON. MAY 17 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville,
PA. Melvin M. Lehman,
owner.

MON. MAY 24 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON. MAY 31 - 2
P.M. Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville,
PA. Melvin M. Lehman,
owner.

NOTICE

To assure that your
Public Sale appears
in the Public Sale
Section we must
have your ad-
vertisement by 4
P.M. Tuesday of each
week's publication.

JUNE

MON. JUNE 7 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT. JUNE 12 - 1982 -
Colonial Invitational Sale
hosted by Brattan
Charolais Farm,
McVeytown, PA and spon-
sored by the Colonial
Charolais Association.
Sale managed by Buzz
Garey, 100 Walnut Lane,
Morrisville, PA 19067

MON. JUNE 14 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

SAT. JUNE 19 - 6:30 P.M.
Danville Livestock
Market, horse sale
located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner.

MON. JUNE 21 - 2 P.M.
Danville Livestock
Market, cattle and hog
auction. Located Old
Route 11, Danville, PA.
Melvin M. Lehman,
owner.

MON. JUNE 28 - 2 P.M.
Danville Livestock
Market, cattle and hog
action. Located Old Route
11, Danville, PA. Melvin
M. Lehman, owner.

CHRISTMAS SALE! MELVIN KOLB, INC.

THURSDAY, DECEMBER 17
11:00 o'clock A.M.

FREE TURKEY for everyone that buys a cow!
FREE LUNCH FOR ALL DAIRY FARMERS!

150 HEAD OF FANCY HOLSTEINS

LOCATION: At my Maryland Farm, 1/2 mile northwest of Wood-
sboro on Route 550, in Frederick County.

There will be 75 Purebreds of the finest quality, several will be
classified with D.H.I.A. Records. There will be 75 head of big
fancy grade cows; selected from the most outstanding herds we
could find.

SPECIAL MENTIONS

A real nice HILLHAVEN STANDOUT JOB dau., born 12/26/78,
bred 3/17/81 to SHARDALE ARLINDA CHIEF JEMINI, as 1-10
365d 19332 3.8 732f, her dam a TRANSMITTER dau. GP-84, as
7-1 2x 346 18,789m 3.8 713f, her gran dam a KINGPIN dau. VG-
86, as a 9-4 365 2x 25,195m 3.8 947f; a LJOE LAGE MOSE
LUCKY STAR-TWIN dau., born 12/20/78, bred 3/13/81 to
FIVEBROOK JEMINI GUNTHER, as 1-10 357d 2x 16,800m 3.9
663f inc., her dam COLO-S-V-CLIPPER dau. GP-82, as 3-10 250d
2x 15,392m 3.9 603f, gran dam ROCKY IVANHOE DINA CHARM
dau. VG-88, as 7-1 289d 2x 21,071m 3.6 759f inc.; a PACK
HERD ELEVATION TERENCE dau., -Terence is a son of
ELEVATION, EX with 72 daus. avg. 17,272 638f +952 +20
+type, dam of sire VG-88 +cow index 1170m, born 1/6/78, GP-
83, fresh 12/3/81, as 2-09, 2x 355d 16,505m 3.4 557f, cow index
+936m, her dam an ELEVATION dau. VG-86 as 4-3 2x 365d
24,747m 3.6 893f, cow index +1246m, gran dam GP-81, 5y,
KINGPIN dau. as 5-08 2x 305d 21,260m 3.7 784f, a VG-85
THORNLEA TEXAL SUPREME, 5 yr. old, bred 5/3/81 to ZION-
VIEW AMYS GRAND FORTUNE, as 2-09 2x 365d 14,380m 3.9
567f, her dam GP-83, LASSIE LEADER dau., as a 6-05 2x 325d
16,740m 3.8 628f, a GP-81 5 yr. old WHITTIER-FARMS, APOLLO
ROCKET dau., bred 3/6/81 to KINGWAY ELEVATION VERY, as a
3-02 299d 15,254m 3.4 526f, her dam PENSTATE IVANHOE
STAR dau., 4-6 365d 18,769m 4.0 755f, a VG-86 4 yr. old gran
dau of NO-NA-ME FOND MATT, bred 1/9/81 to GERLOFF
SENSATIONAL SPARTON, as 3-2 324d 20,470m 492f, her dam
GP-83-4y, as 3-3 339d 19,490m 612f; a 2 yr. old MILU BETTY
IVANHOE CHIEF dau., springing, her dam 3-02 312d 13,850m
4.52 626f, two 2 yr. old HANOVER-HILL TRIPLE THREAT-RED
daus., springing, one dam as 4-0 286d 15,650m 3.7 582f, a dau.
of BOOTMAKER, 3 yr. old springing, her dam 4-11 304d
17,230m 3.6 627f; a 2 yr. old MINERAL-SPRING BOOTMAKER
ROB dau., bred between 3/8/80 to 1/4/81 to MINERAL SPRING
VALIANT PRINCE, her dam as a 2 yr. old 249d 15,851m 3.8 604f;
a fancy red & white A SKAGVALE CLASSIC CITATION dau. born
10/18/78, GP in Canada, bred 3/25/81 to ROYCEDALE AD-
MIRAL.

Please, everyone set aside this date, and come to see our great
selection of fine cattle.

We want to wish everyone a happy and joyous Christmas Season,
and thank you for your patronage and friendship during this past
year

ATTENTION: DAIRY FARMERS - Come early, get all you can eat,
buy a cow and receive a free turkey!

ATTENTION: Lancaster County Amish--If you need trans-
portation to this Sale, please call 569-2106 or 569-6800 no later
than Wed., December 16, to arrange for a ride to the Sale.

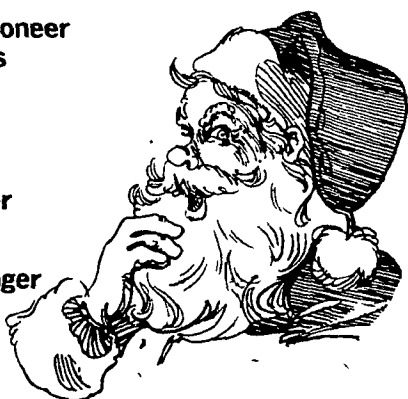
TERMS: Cash on day of Sale. Not responsible for accidents.

Thank you,
Mel Kolb

ROBERT MULLENDORE--Auctioneer
HENRY KETTERING--Pedigrees
MEHRLE WACHTER--Clerk

PA FARM: Dennis Kolb, Manager
(717) 569-2106 or 569-6800

MD FARM: Thomas Miller, Manager
(301) 898-7720



HARRY RUDNICK & SONS, INC.
LIVESTOCK SALES EVERY TUESDAY
GALENA, MARYLAND
Phone: (301) 648-5601

SPECIAL DAIRY SALE TUESDAY, DECMEBER 15

At 7:00 P.M.

55 HOLSTEIN COWS & HEIFERS 55

This herd consists of 38 cows of which 28 are
milking and 10 dry and close springing, 5
weaned heifer calves and 12 yearling heifers up
to breeding age. The herd is nice size showing
good Holstein dairy type...artificial
breeding...TB & Bangs tested and accredited
for out-of-state shipment. Consigned by Steve
Collins of Queen Anne, Maryland, and to be
sold in the Dairy Sales Barn at Galena,
Maryland.

JOSEPH RUDNICK, AUCTIONEER

Good's Auction

111 North Maple Ave.
Leola, PA

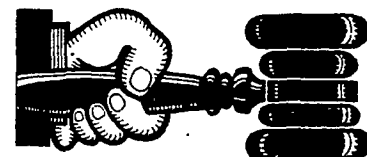
Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS

RD 1 Leola, PA 17540
717-656-9558



AUCTIONEER'S DIRECTORY

AUCTIONEERS

**FRANK &
PAUL
SNYDER**

Livestock, Farm
Equipment,
Household Goods,
Antiques
No sale too small
or too large
717-859-2688
717-733-7052

C.H. WOLGEMUTH
RD #2, MANHEIM,
PA

AUCTIONEER



Member of
**COMPLETE
AUCTION SERVICE**
CALL
717-665-5664

**SPECIALIZING
IN HOLSTEIN
AND GENERAL
FARM SALES**

BOB KAUFFMAN
Auctioneer
Licensed & Bonded
RD 1, Elizabethtown, Pa
17022
Phone 717-367-3550

JAY HOWES
Pedigrees
Box 81, RD 1,
Warriors Mark, Pa
Phone 814-692-8980

AUCTIONEERS

JOHN E. MARTIN
Ephrata,
Penna.
717-733-3511

AND

PAUL E. MARTIN
Stevens, Penna
717-733-3305

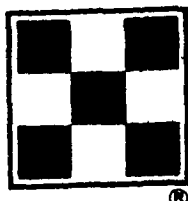
Professional
Auction Service

KLINE & KREIDER
AUCTIONEERS

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE - FARMS & RESIDENTIAL
PERSONAL PROPERTY - ANTIQUES -
FARM STOCK SALES - LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER-REALTOR
717-733-1006
717-754-4071

LLOYD H. KREIDER
AUCTIONEER
717-786-3394



**Ralston Purina
Company**



IF YOU HAVE PLENTY OF CORN, AND ARE THINKING CONCENTRATE:

Purina High Octane® Cow Chow 36 Works!

***You hear a lot of talk about high energy
milking rations. Here are the facts:***

Everybody's talking high energy milking rations these days. But we know you base your decisions on facts, not talk.

And, we have the facts. Even before Purina introduced high energy feeds back in the early 1950's, they had done a lot of research into the concept. And, they're doing continuous research today.

What high energy can do.

Energy in a milking ration is like a governor on an engine. If a cow's ration has a low energy level, her milk production will be limited. Raise the energy level, and you can expect production to rise as well.

Does that mean high energy is a cure-all? Read on:

What high energy can't do.

High energy is a requirement for high milk production. But it's only one requirement. It can't do the job by itself.

For a cow to maintain high production, she must have a milking ration that is not only high in energy, but also has an exact balance of proteins, minerals, and vitamins. If her ration does not contain the proper balance of these nutrients, high energy won't make up for it.

In fact, a ration high in energy but with an imbalance of nutrients can mean lower production over the long run. It can even cause health problems.

The answer? A balanced milk ration. A ration with high levels of energy, and nutrients in the proper balance.

Purina® milking rations: Balanced for consistently high production.

Purina's high energy milking rations are balanced to give top-level production, lactation after lactation. This balance is no accident. The energy and nutrient levels of these feeds are the result of extensive Purina research and ingredient analysis. And the result for you is more milk.

Purina milking rations. High energy feeds that are helping dairymen across the country make more milk and more money. They can help you, too. And that's a fact. Call or stop by today.



Purina High Octane® Cow Chow 36

Top milk production, lactation after lactation, depends on a balanced high-energy ration. Purina High Octane 36 delivers that high-energy without sacrificing the essential balance of vitamins and minerals.

Balanced, high-nutrient levels for maximum milk production

Purina research has found a way to provide high energy levels without sacrificing other essential nutrients.

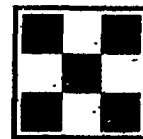
It comes from an in-depth knowledge of what your cows need. And tough quality control standards that demand top-quality ingredients.

As an added bonus, your cows develop and keep good body condition. You should see fewer health problems. And, strong cows keep milking at top potential year after year.

If you're a concentrate user, ask your Purina dealer about High Octane® 36.

**Figure Up
milk income over
feed cost with Purina**

**You and Purina
makin' it
pay.**



©Ralston Purina Co.,

HESS MILLS

PHONE 717-442-4183
717-768-3301
PARADISE, PA 17562

HIGH BROS.

PHONE 717-354-0301
GORDONVILLE, PA 17529

K & K FEED, INC.

PHONE 717-866-2324
23 N PARK ST RICHLAND, PA 17087

UMBERGER'S MILL

PHONE 717-867-5161
FONTANA, PA 17042

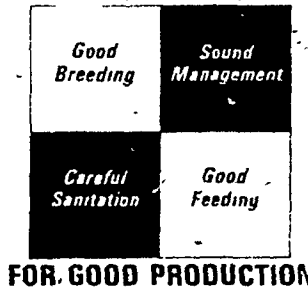
KEYSTONE MILLS

John B. Kurtz
PHONE 717-354-4616 717 738-1088
RD3 EPHRATA, PA 17522

McCRACKEN'S FEED MILL, INC.

PHONE 717-665 2186
2 NEW CHARLOTTE ST., MANHEIM, PA 17545

THE PURINA PROGRAM



WEST WILLOW FARMERS ASSN., INC.

PHONE 717-464 3386
WEST WILLOW, PA 17583

SOUTHERN DIVISION

West Willow Farmers Assoc., Inc.
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

M. G. HENNINGER & SON, INC.

PHONE 717-362-3333
BERRYSBURG, PA 17005

Anthony's Feed Mill

PHONE 215-488 6211
STRAUSTOWN, PA 19559

FAWN MILLS

PHONE 717-382-4805
FAWN GROVE, PA 17321
PHONE: 717-637-1123
HANOVER, PA 17331